

Wen-Hua Sun

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

604 papers	21,927 citations	72 h-index	114 g-index
629 ext. papers	23,812 ext. citations	4.3 avg, IF	7.15 L-index

#	Paper	IF	Citations
604	Investigating the Effects of Para-methoxy Substitution in Sterically Enhanced Unsymmetrical Bis(arylimino)pyridine-cobalt Ethylene Polymerization Catalysts. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2022 , 40, 266-279	3.5	1
603	Phenoxy-imine/-amide aluminum complexes with pendant or coordinated pyridine moieties: Solvent effects on structural type and catalytic capability for the ROP of cyclic esters. <i>Polymer</i> , 2022 , 242, 124602	3.9	0
602	Fluorinated 2,6-bis(arylimino)pyridyl iron complexes targeting bimodal dispersive polyethylenes: probing chain termination pathways a combined experimental and DFT study.. <i>Dalton Transactions</i> , 2022 ,	4.3	1
601	4,4'-Dimethoxybenzhydryl substituent augments performance of bis(imino)pyridine cobalt-based catalysts in ethylene polymerization. <i>RSC Advances</i> , 2022 , 12, 15741-15750	3.7	1
600	Naphthalenyl-Substituted π -Bisimino-2,3 : 5,6-Bis(pentamethylene)pyridines as Thermally Robust Supports for Iron Ethylene Polymerization Catalysts. <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 4530-4538	2.3	1
599	Bis(imino)-6,7-dihydro-5-quinoline-cobalt complexes as highly active catalysts for the formation of vinyl-terminated PE waxes; steps towards inhibiting deactivation pathways through targeted ligand design.. <i>RSC Advances</i> , 2021 , 11, 39869-39878	3.7	0
598	Direct synthesis of ring-fused quinolines and pyridines catalyzed by NNHY-ligated manganese complexes (Y = NR ₂ or SR). <i>Catalysis Science and Technology</i> , 2021 , 11, 8026-8036	5.5	0
597	Investigating Branched Polyethylene Sensors for Applications in Prosthetics. <i>Macromolecular Chemistry and Physics</i> , 2021 , 222, 2100206	2.6	1
596	Palladium-Catalyzed Enantioselective Intramolecular Heck Carbonylation Reactions: Asymmetric Synthesis of 2-Oxindole Ynones and Carboxylic Acids. <i>Chemistry - A European Journal</i> , 2021 ,	4.8	1
595	Fluorinated Sterically Bulky Mononuclear and Binuclear 2-Iminopyridylnickel Halides for Ethylene Polymerization: Effects of Ligand Frameworks and Remote Substituents. <i>ACS Omega</i> , 2021 , 6, 30157-30172	3.9	0
594	Efficient base-free hydrodehalogenation of organic halides catalyzed by a well-defined diphosphine-ruthenium(II) complex. <i>Molecular Catalysis</i> , 2021 , 516, 111953	3.3	0
593	The benzhydryl-modified 2-imino-1,10-phenanthrolyliron precatalyst in ethylene oligomerization. <i>Journal of Organometallic Chemistry</i> , 2021 , 936, 121713	2.3	1
592	Resin Transfer Moldable Fluorinated Phenylethynyl-Terminated Imide Oligomers with High T: Structure-Melt Stability Relationship. <i>Polymers</i> , 2021 , 13,	4.5	3
591	Nature of Heterobinuclear Ni(I) Complexes Formed upon the Activation of the π -Diimine Complex LNiIBr ₂ with AlMe ₃ and MMAO. <i>Organometallics</i> , 2021 , 40, 907-914	3.8	3
590	Exploring ortho-(4,4'-dimethoxybenzhydryl) substitution in iron ethylene polymerization catalysts: Co-catalyst effects, thermal stability, and polymer molecular weight variations. <i>Applied Organometallic Chemistry</i> , 2021 , 35, e6259	3.1	9
589	Pd-Catalyzed Regio- and Enantioselective Aminoarylation of Allenols with Aryl Iodides and 2-Pyridones. <i>Organic Letters</i> , 2021 , 23, 3567-3572	6.2	6
588	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. <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 1571-1580	2.3	7

587	Ethylene oligomerization with 2-hydroxymethyl-5,6,7-trihydroquinolyl-8-ylideneamine-Ni(II) chlorides. <i>Journal of Organometallic Chemistry</i> , 2021 , 937, 121720	2.3	2
586	Thermally resilient cobalt ethylene polymerization catalysts under the joint influence of co-catalyst, gem-dimethyl substitution and ortho-cycloalkyl ring size. <i>Polymer</i> , 2021 , 222, 123684	3.9	8
585	Rational design and synthesis of AIE active cationic Ir(III) complexes featuring iminopyridine ligand with dibenzosuberane core. <i>Journal of Organometallic Chemistry</i> , 2021 , 939, 121770	2.3	3
584	Multinuclear late transition metal catalysts for olefin polymerization. <i>Coordination Chemistry Reviews</i> , 2021 , 434, 213788	23.2	11
583	Chiral Bidentate Phosphoramidite-Pd Catalyzed Asymmetric Decarboxylative Dipolar Cycloaddition for Multistereogenic Tetrahydrofurans with Cyclic -Sulfonyl Ketimine Moieties. <i>Organic Letters</i> , 2021 , 23, 4715-4720	6.2	4
582	Boosting activity, thermostability, and lifetime of iron ethylene polymerization catalysts through gem-dimethyl substitution and incorporation of ortho-cycloalkyl substituents. <i>Applied Organometallic Chemistry</i> , 2021 , 35, e6376	3.1	2
581	Revisiting the 2-imino-1,10-phenanthrolylmetal precatalyst in ethylene oligomerization: Benzhydryl-modified cobalt(II) complexes and their dimerization of ethylene. <i>Polyhedron</i> , 2021 , 193, 114865	2.7	3
580	Fluorinated cobalt catalysts and their use in forming narrowly dispersed polyethylene waxes of high linearity and incorporating vinyl functionality. <i>Catalysis Science and Technology</i> , 2021 , 11, 656-670	5.5	12
579	Post-functionalization of narrowly dispersed PE waxes generated using tuned N,N,N'-cobalt ethylene polymerization catalysts substituted with ortho-cycloalkyl groups. <i>Polymer</i> , 2021 , 213, 123294	3.9	8
578	Formation of branched polyethylenes by ethylene homopolymerization using LNiBr ₂ homo- and heterogeneous precatalysts: Interpretation of the polymer structures in comparison with commercial LLDPE. <i>Journal of Applied Polymer Science</i> , 2021 , 138, 50436	2.9	2
577	Box-copper catalyzed asymmetric inverse-electron-demand oxa-hetero-Diels-Alder reaction for efficient synthesis of spiro pyran-oxindole derivatives. <i>Organic Chemistry Frontiers</i> , 2021 , 8, 2009-2018	5.2	2
576	Doubly fused N,N,N'-iron ethylene polymerization catalysts appended with fluoride substituents; probing catalytic performance via a combined experimental and MLR study. <i>Catalysis Science and Technology</i> , 2021 , 11, 4605-4618	5.5	5
575	Bimetallic aluminum complexes bearing novel spiro-phenanthrene-monoketone/OH derivatives: synthesis, characterization and the ring-opening polymerization of ϵ -caprolactone.. <i>RSC Advances</i> , 2021 , 11, 13274-13281	3.7	1
574	A Type of Structurally Adaptable Aromatic Spiroketal Based Chiral Diphosphine Ligands in Asymmetric Catalysis. <i>Accounts of Chemical Research</i> , 2021 , 54, 668-684	24.3	20
573	Synthesis of Enantiopure Hydrocarbon Cages Based on an Optically Resolved -Symmetric Triaminotribenzotriquinacene. <i>Organic Letters</i> , 2021 , 23, 1478-1483	6.2	1
572	Rational Design of Cycloheptyl-Fused Bis(arylimino)pyridyl-cobalt(II) Precatalysts Adorned with Sterically and Electronically Modified N-Aryls for Enhancing Ethylene Polymerization. <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 720-733	2.3	3
571	The Quantitative Influence of Coordinated Halogen Atoms on the Catalytic Performance of Bisiminoacenaphthylnickel Complexes in Ethylene Polymerization. <i>ChemPhysChem</i> , 2021 , 22, 585-592	3.2	3
570	Enhancing Ethylene Polymerization of -Cobalt(II) Precatalysts Adorned with a Fluoro-substituent. <i>ACS Omega</i> , 2021 , 6, 4448-4460	3.9	5

- 569 Structural diversity in substituted aminosilyl-aminopyridinate metal (Zr or Fe) complexes: Synthesis, structures, and ethylene polymerization. *Applied Organometallic Chemistry*, **2021**, 35, e6240 3.1 1
- 568 Catalytic Performance of Cycloalkyl-Fused Aryliminopyridyl Nickel Complexes toward Ethylene Polymerization by QSPR Modeling. *Catalysts*, **2021**, 11, 920 4 0
- 567 Exploring an aggregation induced emission behaviour of neutral iridium complexes consisting of salicylaldimine ligand with dibenzosuberane core. *Journal of Organometallic Chemistry*, **2021**, 949, 121954³ 2.3 0
- 566 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 2.3 0
- 565 Ni-Catalyzed Regioselective Hydroarylation of 1-Aryl-1,3-Butadienes with Aryl Halides. *Chemistry - A European Journal*, **2021**, 27, 15903-15907 4.8 3
- 564 Cationic iridium (III) complexes bearing fluorinated Ar-BIAN ligands: Synthesis, structure, electronic, and electrochemical properties. *Journal of Organometallic Chemistry*, **2021**, 951, 122002 2.3 0
- 563 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 4.9 7
- 562 Unifying Molecular Weights of Highly Linear Polyethylene Waxes through Unsymmetrical 2,4-Bis(imino)pyridylchromium Chlorides. *Molecules*, **2020**, 25, 4.8 1
- 561 Potassium N-arylbenzimidates as readily accessible and benign (pre)catalysts for the ring opening polymerization of β -CL and L-LA. *Molecular Catalysis*, **2020**, 498, 111280 3.3 3
- 560 4,4'-Difluorobenzhydryl-modified bis(imino)-pyridyliron(ii) chlorides as thermally stable precatalysts for strictly linear polyethylenes with narrow dispersities. *Dalton Transactions*, **2020**, 49, 7384-7396²⁰ 4.3 0
- 559 Sterically and Electronically Modified Aryliminopyridyl-Nickel Bromide Precatalysts for an Access to Branched Polyethylene with Vinyl/Vinylene End Groups. *ACS Omega*, **2020**, 5, 10610-10625 3.9 7
- 558 Synthesis of protected α -amino acids via decarboxylation amination from malonate derivatives. *Organic and Biomolecular Chemistry*, **2020**, 3.9 3
- 557 Manganese-Catalyzed anti-Selective Asymmetric Hydrogenation of β -Substituted β -Ketoamides. *Angewandte Chemie*, **2020**, 132, 15695-15699 3.6 14
- 556 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, 9425-9437²² 4.3 0
- 555 Ruthenium-catalyzed hydrogenation of CO₂ as a route to methyl esters for use as biofuels or fine chemicals. *Chemical Science*, **2020**, 11, 6766-6774 9.4 6
- 554 Enhancing performance of β -diiminonickel precatalyst for ethylene polymerization by substitution with the 2,4-bis(4,4'-dimethoxybenzhydryl)-6-methylphenyl group. *Applied Organometallic Chemistry*, **2020**, 34, e5638 3.1 5
- 553 High molecular weight polyethylenes of narrow dispersity promoted using bis(arylimino)cyclohepta[b]pyridine-cobalt catalysts ortho-substituted with benzhydryl & cycloalkyl groups. *Dalton Transactions*, **2020**, 49, 4774-4784 4.3 17
- 552 Organo-catalyzed asymmetric cascade annulation reaction for the construction of bi-spirocyclic pyrazolone and oxindole derivatives. *Organic Chemistry Frontiers*, **2020**, 7, 796-809 5.2 16

551	Recent advancements in N-ligated group 4 molecular catalysts for the (co)polymerization of ethylene. <i>Coordination Chemistry Reviews</i> , 2020 , 411, 213254	23.2	30
550	Modular Chiral Bisoxalamide-Copper-Catalyzed Asymmetric Oxo-Diels-Alder Reaction: Carbonyl Coordination for High Enantio- and Diastereocontrols. <i>ACS Catalysis</i> , 2020 , 10, 3556-3563	13.1	10
549	Alkyl substituents triggered an unexpected formation of mono- and dinuclear zirconium hydrazonate complexes: synthesis, characterization and their catalytic behavior toward ethylene polymerization. <i>Applied Organometallic Chemistry</i> , 2020 , 34, e5586	3.1	3
548	The chloro-substituent enhances performance of 2,4-bis(imino)pyridylchromium catalysts yielding highly linear polyethylene. <i>Applied Organometallic Chemistry</i> , 2020 , 34, e5471	3.1	5
547	Chiral Binaphthyl Box-Copper-Catalyzed Enantioselective Tandem Michael-Ketalization Annulations for Optically Active Aryl and Heteroaryl Fused Bicyclicnonanes. <i>Organic Letters</i> , 2020 , 22, 3936-3941	6.2	7
546	New family of single-component Ni catalysts for ethylene polymerization to high and ultrahigh molecular weight polyethylene. <i>Science China Chemistry</i> , 2020 , 63, 753-754	7.9	1
545	Synthesis of characteristic polyisoprenes using rationally designed iminopyridyl metal (Fe and Co) precatalysts: investigation of co-catalysts and steric influence on their catalytic activity. <i>New Journal of Chemistry</i> , 2020 , 44, 8076-8084	3.6	8
544	Recent developments in vanadium-catalyzed olefin coordination polymerization. <i>Coordination Chemistry Reviews</i> , 2020 , 416, 213332	23.2	26
543	NNN-type iron(II) complexes consisting sterically hindered dibenzocycloheptyl group: Synthesis and catalytic activity towards ethylene polymerization. <i>Molecular Catalysis</i> , 2020 , 492, 110981	3.3	13
542	Achieving polydispersive HDPE by μ -Co precatalysts appended with -2,4-bis(di(4-methoxyphenyl)methyl)-6-methylphenyl-. <i>RSC Advances</i> , 2020 , 10, 43400-43411	3.7	5
541	2-Acetyloxymethyl-substituted 5,6,7-trihydroquinolinyl-8-ylideneamine-Ni(II) chlorides and their application in ethylene dimerization/trimerization. <i>Applied Organometallic Chemistry</i> , 2020 , 34, e5254	3.1	1
540	Probing the effect of ortho-cycloalkyl ring size on activity and thermostability in cycloheptyl-fused N,N,N-iron ethylene polymerization catalysts. <i>Dalton Transactions</i> , 2020 , 49, 136-146	4.3	28
539	Attaining highly branched polyethylene elastomers by employing modified π -iminonickel(II) catalysts: Probing the effects of enhancing fluorine atom on the ligand framework towards mechanical properties of polyethylene. <i>Polymer</i> , 2020 , 187, 122089	3.9	13
538	Machine Learning in Catalysis, From Proposal to Practicing. <i>ACS Omega</i> , 2020 , 5, 83-88	3.9	47
537	The nature of nickel species formed upon the activation of π -imine nickel(II) pre-catalyst with alkylaluminum sesquichlorides. <i>Journal of Organometallic Chemistry</i> , 2020 , 907, 121063	2.3	6
536	Aza-crown compounds synthesised by the self-condensation of 2-amino-benzyl alcohol over a pincer ruthenium catalyst and applied in the transfer hydrogenation of ketones. <i>Dalton Transactions</i> , 2020 , 49, 15821-15827	4.3	1
535	Norbornadiene homopolymerization and norbornene/norbornadiene/1-octene terpolymerization by ansa-fluorenylamidotitanium-based catalysts. <i>Polymer Chemistry</i> , 2020 , 11, 6803-6810	4.9	5
534	Achieving strictly linear polyethylenes by the NNN-Fe precatalysts finely tuned with different sizes of ortho-cycloalkyl substituents. <i>Applied Organometallic Chemistry</i> , 2020 , 34, e5937	3.1	8

533	Comparison of the Reactivity and Structures for the Neutral and Cationic Bis(imino)pyridyl Iron and Cobalt Species by DFT Calculations. <i>Catalysts</i> , 2020 , 10, 1396	4	6
532	Activation of an π -Diimine Ni(II) Precatalyst with AlMe ₃ and AliBu ₃ : Catalytic and NMR and EPR Spectroscopy Studies. <i>Organometallics</i> , 2020 , 39, 3034-3040	3.8	6
531	Adjusting Ortho-Cycloalkyl Ring Size in a Cycloheptyl-Fused N,N,N-Iron Catalyst as Means to Control Catalytic Activity and Polyethylene Properties. <i>Catalysts</i> , 2020 , 10, 1002	4	11
530	2-(N,N-Diethylaminomethyl)-6,7-trihydroquinolinyl-8-ylideneamine-Ni(II) chlorides: application in ethylene dimerization and trimerization. <i>New Journal of Chemistry</i> , 2020 , 44, 17047-17052	3.6	4
529	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. <i>Molecules</i> , 2020 , 25,	4.8	8
528	Manganese-Catalyzed anti-Selective Asymmetric Hydrogenation of β -Substituted α -Ketoamides. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 15565-15569	16.4	28
527	Prediction of catalytic activities of bis(imino)pyridine metal complexes by machine learning. <i>Journal of Computational Chemistry</i> , 2020 , 41, 1064-1067	3.5	2
526	Methylene-bridged bis(8-arylimino)-5,6,7-trihydro-quinolynickel precatalysts for ethylene polymerization. <i>Journal of Polymer Science</i> , 2020 , 58, 1675-1686	2.4	4
525	Construction of All-Carbon Chiral Quaternary Centers through Cu -Catalyzed Enantioselective Reductive Hydroxymethylation of 1,1-Disubstituted Allenes with CO. <i>Chemistry - A European Journal</i> , 2019 , 25, 13874-13878	4.8	26
524	Effect of cycloalkyl-fused ring on the catalytic performance of bis(imino)pyridine metal complexes by QSPR modeling. <i>Catalysis Communications</i> , 2019 , 132, 105820	3.2	3
523	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	3.5	8
522	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	5.1	24
521	Highly efficient iron(II) catalysts toward ring opening polymerization of ϵ -caprolactone through in situ initiation. <i>Inorganica Chimica Acta</i> , 2019 , 488, 299-303	2.7	3
520	Plastomeric-like polyethylenes achievable using thermally robust N,N'-nickel catalysts appended with electron withdrawing difluorobenzhydryl and nitro groups. <i>Dalton Transactions</i> , 2019 , 48, 1878-1894	4.3	16
519	Bis(imino)pyridines fused with 6- and 7-membered carbocyclic rings as N,N,N-scaffolds for cobalt ethylene polymerization catalysts. <i>Dalton Transactions</i> , 2019 , 48, 2582-2591	4.3	35
518	The Catalytic Activities of Carbocyclic Fused Pyridineimine Nickel Complexes Analogues in Ethylene Polymerization by Modeling Study. <i>Catalysts</i> , 2019 , 9, 520	4	4
517	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	3.6	6
516	Activity and Thermal Stability of Cobalt(II)-Based Olefin Polymerization Catalysts Adorned with Sterically Hindered Dibenzocycloheptyl Groups. <i>Molecules</i> , 2019 , 24,	4.8	17

515	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	4.3	20
514	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	4.3	16
513	Access to polyethylene elastomers via ethylene homo-polymerization using N,N'-nickel(II) catalysts appended with electron withdrawing difluorobenzhydryl group. <i>European Polymer Journal</i> , 2019 , 117, 254-271	5.2	19
512	A direct functionalization of polyolefins for blend compatibilization by an insertion of 1,1-bis(phenylsulfonyl)ethylene (BPSE). <i>Polymer Chemistry</i> , 2019 , 10, 3325-3333	4.9	7
511	Substantially enhancing the catalytic performance of bis(imino)pyridylcobaltous chloride pre-catalysts adorned with benzhydryl and nitro groups for ethylene polymerization. <i>Applied Organometallic Chemistry</i> , 2019 , 33, e4857	3.1	25
510	Ir-Catalyzed Double Asymmetric Hydrogenation of 3,6-Dialkylidene-2,5-diketopiperazines for Enantioselective Synthesis of Cyclic Dipeptides. <i>Journal of the American Chemical Society</i> , 2019 , 141, 8981-8988	16.4	23
509	Ethylene polymerization of nickel catalysts with β -diimine ligands: factors controlling the structure of active species and polymer properties. <i>Dalton Transactions</i> , 2019 , 48, 7974-7984	4.3	29
508	Enhancing thermostability of iron ethylene polymerization catalysts through N,N,N'-chelation of doubly fused β -bis(arylimino)-2,3:5,6-bis(hexamethylene)pyridines. <i>Catalysis Science and Technology</i> , 2019 , 9, 1933-1943	5.5	28
507	Highly linear polyethylenes tailored with 2,6-bis[1-(p-dibenzo-cycloheptylarylimino)ethyl]pyridylcobalt dichlorides. <i>Dalton Transactions</i> , 2019 , 48, 5604-5613	4.3	29
506	Chromium ethylene polymerization catalysts bearing sterically enhanced β -bis(imino)-2,3:5,6-bis(pentamethylene)pyridines: Tuning activity and molecular weight. <i>Polymer</i> , 2019 , 171, 87-95	3.9	7
505	Producing highly linear polyethylenes by using t-butyl-functionalized 2,6-bis(imino)pyridylchromium(III) chlorides. <i>Journal of Polymer Science Part A</i> , 2019 , 57, 1049-1058	2.5	7
504	Alkylaluminum activator effects on polyethylene branching using a N,N'-nickel precatalyst appended with bulky 4,4'-dimethoxybenzhydryl groups. <i>Applied Organometallic Chemistry</i> , 2019 , 33, e4785	3.1	11
503	Moderately branched ultra-high molecular weight polyethylene by using N,N'-nickel catalysts adorned with sterically hindered dibenzocycloheptyl groups. <i>Applied Organometallic Chemistry</i> , 2019 , 33, e4749	3.1	22
502	Comparisons between homogeneous and immobilized 1-(2,6-dibenzhydryl-4-nitrophenylimino)-2-mesityliminoacenaphthylnickel bromide as a precatalyst in ethylene polymerization. <i>Journal of Catalysis</i> , 2019 , 372, 103-108	7.3	12
501	Highly Linear Polyethylenes Achieved Using Thermo-Stable and Efficient Cobalt Precatalysts Bearing Carbocyclic-Fused β -Pincer Ligand. <i>Molecules</i> , 2019 , 24,	4.8	22
500	Recent advances in homogeneous chromium catalyst design for ethylene tri-, tetra-, oligo- and polymerization. <i>Coordination Chemistry Reviews</i> , 2019 , 385, 208-229	23.2	67
499	Co-catalyst effects on the thermal stability/activity of N,N,N'-Co ethylene polymerization Catalysts Bearing Fluoro-Substituted N-2,6-dibenzhydrylphenyl groups. <i>Applied Organometallic Chemistry</i> , 2019 , 33, e5134	3.1	20
498	Exceptionally high molecular weight linear polyethylene by using N,N,N'-Co catalysts appended with a N'-2,6-bis{di(4-fluorophenyl)methyl}-4-nitrophenyl group. <i>Applied Organometallic Chemistry</i> , 2019 , 33, e5157	3.1	8

497	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	6.8	49
496	Chiral N-Heterocyclic-Carbene-Catalyzed Cascade Asymmetric Desymmetrization of Cyclopentenediones with Enals: Access to Optically Active 1,3-Indandione Derivatives. <i>Organic Letters</i> , 2019 , 21, 8582-8586	6.2	10
495	Synthesis of Chiral Tertiary β -Difluoromethyl Carbinols by Cu-Catalyzed Asymmetric Propargylation. <i>Chemistry - A European Journal</i> , 2019 , 25, 16425-16434	4.8	6
494	Finely Tuned β -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. <i>Organometallics</i> , 2019 , 38, 4455-4470	3.8	25
493	Fusing Carbocycles of Inequivalent Ring Size to a Bis(imino)pyridine-Iron Ethylene Polymerization Catalyst: Distinctive Effects on Activity, PE Molecular Weight, and Dispersity. <i>Research</i> , 2019 , 2019, 9426063	7.8	7
492	Development of Chiral Spiro Phosphoramidites for Rhodium-Catalyzed Enantioselective Reactions. <i>Chemistry - A European Journal</i> , 2019 , 25, 9491-9497	4.8	6
491	Selectivity Effects on N,N,N'-Cobalt Catalyzed Ethylene Dimerization/Trimerization Dictated through Choice of Aluminoxane Cocatalyst. <i>Organometallics</i> , 2019 , 38, 1143-1150	3.8	27
490	Dialkylaluminum 2-substituted 6,6-dimethylcyclopentylpyridin-7-oxylates toward structural-differentiation of the ring-opening polymerization of ϵ -caprolactone and L-lactides. <i>Dalton Transactions</i> , 2019 , 48, 4157-4167	4.3	9
489	Steric and electronic modulation of iron catalysts as a route to remarkably high molecular weight linear polyethylenes. <i>Dalton Transactions</i> , 2019 , 48, 17488-17498	4.3	21
488	A comparative kinetic study of ethylene polymerization mediated by iron, cobalt and chromium catalysts bearing the same N,N,N-bis(imino)trihydroquinoline. <i>Journal of Catalysis</i> , 2019 , 369, 1-9	7.3	9
487	Narrow dispersed linear polyethylene using cobalt catalysts bearing cycloheptyl-fused bis(imino)pyridines; probing the effects of ortho-benzhydryl substitution. <i>European Polymer Journal</i> , 2019 , 110, 240-251	5.2	28
486	EPR spectroscopic study of Ni(I) species in the catalyst system for ethylene polymerization based on β -diimine Ni(II) complex activated by MMAO. <i>Journal of Organometallic Chemistry</i> , 2019 , 880, 267-271	2.3	16
485	Highly branched and high-molecular-weight polyethylenes produced by 1-[2,6-bis(bis(4-fluorophenyl)methyl)-4-MeOC ₆ H ₂ N]-2-aryliminoacenaphthylnickel(II) halides. <i>Journal of Polymer Science Part A</i> , 2019 , 57, 130-145	2.5	15
484	Palladium-Catalyzed Synthesis of Indolines from Aroyloxycarbamates through a Tandem Decarboxylative Amination/Heck/Annulation Reaction. <i>Advanced Synthesis and Catalysis</i> , 2019 , 361, 192-200	5.6	6
483	Synthesis of indoles from aroyloxycarbamates with alkynes via decarboxylation/cyclization. <i>Organic and Biomolecular Chemistry</i> , 2018 , 16, 2421-2426	3.9	5
482	Concurrently Improving the Thermal Stability and Activity of Ferrous Precatalysts for the Production of Saturated/Unsaturated Polyethylene. <i>Organometallics</i> , 2018 , 37, 957-970	3.8	46
481	Methylene-bridged bimetallic bis(imino)pyridine-cobaltous chlorides as precatalysts for vinyl-terminated polyethylene waxes. <i>Dalton Transactions</i> , 2018 , 47, 6124-6133	4.3	19
480	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	3.8	61

479	Vinyl homo/copolymerization of norbornene and ethylene using sterically enhanced 1,2-bis(arylimino)acenaphthene palladium precatalysts. <i>Journal of Polymer Science Part A</i> , 2018 , 56, 922-935	3.5	8
478	Azasilicon-bridged heterocyclic arylamines: syntheses, structures and photophysical properties. <i>New Journal of Chemistry</i> , 2018 , 42, 3102-3111	3.6	
477	Vinyl/Vinylene functionalized highly branched polyethylene waxes obtained using electronically controlled cyclohexyl-fused pyridinylimine-nickel precatalysts. <i>Journal of Polymer Science Part A</i> , 2018 , 56, 1269-1281	2.5	9
476	Highly thermo-stable and electronically controlled palladium precatalysts for vinyl homo/co-polymerization of norbornene-ethylene. <i>European Polymer Journal</i> , 2018 , 103, 342-350	5.2	16
475	Direct synthesis of alkenyl iodides via indium-catalyzed iodoalkylation of alkynes with alcohols and aqueous HI. <i>Organic and Biomolecular Chemistry</i> , 2018 , 16, 3177-3180	3.9	53
474	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	23.2	125
473	A DFT study on ring-opening polymerization of ϵ -caprolactone initiated by Mg and Al complexes. <i>Inorganica Chimica Acta</i> , 2018 , 477, 34-39	2.7	11
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470	π -chelated nickel catalysts for highly branched polyolefin elastomers: a survey. <i>Royal Society Open Science</i> , 2018 , 5, 180367	3.3	28
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466	Structure effect on transition mechanism of UV-visible absorption spectrum in polyimides: A density functional theory study. <i>Polymer</i> , 2018 , 148, 356-369	3.9	13
465	Dinuclear nickel(II) chlorides bearing N,N'-bis(5,6,7-trihydroquinolin-8-ylidene)-[1,1'-biphenyl]-4,4'-diamines: Synthesis and ethylene polymerization. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2018 , 36, 207-213	3.5	8
464	Cu(i)/{NbO} catalyzed N-acylation of arylacetic acids with amines under aerobic conditions. <i>Chemical Communications</i> , 2018 , 54, 12471-12474	5.8	6
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462	Catalytic Activities of Bis(pentamethylene)pyridyl(Fe/Co) Complex Analogues in Ethylene Polymerization by Modeling Method. <i>Journal of Physical Chemistry A</i> , 2018 , 122, 9637-9644	2.8	15

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359	Highly cis-1,4-selective polymerization of isoprene achieved using neodymium chloride 8-hydroxyquinolines. <i>Polymer International</i> , 2015 , 64, 1030-1036	3.3	11
358	Highly Efficient Ruthenium-Catalyzed N-Formylation of Amines with H ₂ and CO ₂ . <i>Angewandte Chemie</i> , 2015 , 127, 6284-6287	3.6	67
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354	Structure and spectral and luminescence properties of the trinuclear zinc complex with (E)-5-((2,6-diethylphenylimino)methyl)-2-methylquinolin-8-ol: Experimental and DFT study. <i>Russian Journal of Inorganic Chemistry</i> , 2015 , 60, 1560-1567	1.5	6

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352	Highly enantio- and diastereoselective reductive aldol reactions catalyzed by chiral spiro bisphosphine oxides. <i>Chinese Journal of Catalysis</i> , 2015 , 36, 100-105	11.3	5
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350	Synthesis of (Imido)vanadium(V) Complexes Containing 8-(2,6-Dimethylanilide)-5,6,7-trihydroquinoline Ligands: Highly Active Catalyst Precursors for Ethylene Dimerization. <i>Organometallics</i> , 2014 , 33, 1053-1060	3.8	25
349	Dialkylaluminum 2-imidazolylphenolates: Synthesis, characterization and ring-opening polymerization behavior towards lactides. <i>Journal of Organometallic Chemistry</i> , 2014 , 750, 65-73	2.3	26
348	2-[2,6-Bis[bis(4-fluorophenyl)methyl]-4-chlorophenylimino]-3-aryliminobutylnickel(II) bromide complexes: Synthesis, characterization, and investigation of their catalytic behavior. <i>Applied Catalysis A: General</i> , 2014 , 475, 195-202	5.1	37
347	Enhanced ethylene polymerization of Ni(II) complexes supported on carbon nanotubes. <i>Catalysis Today</i> , 2014 , 235, 33-40	5.3	29
346	Zinc 2-((2-(benzoimidazol-2-yl)quinolin-8-ylimino)methyl)phenolates: synthesis, characterization and photoluminescence behavior. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014 , 118, 1047-55	4.4	6
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336	Vanadyl complexes bearing bi-dentate phenoxyimine ligands: synthesis, structural studies and ethylene polymerization capability. <i>Dalton Transactions</i> , 2014 , 43, 8300-10	4.3	20

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334	2-(1-(2-Benzhydrylnaphthylimino)ethyl)pyridylnickel halides: synthesis, characterization, and ethylene polymerization behavior. <i>Dalton Transactions</i> , 2014 , 43, 423-31	4.3	87
333	Assessing Catalytic Activities Through Modeling Net Charges of Iron Complex Precatalysts. <i>Macromolecular Chemistry and Physics</i> , 2014 , 215, 1810-1817	2.6	25
332	Bi- and tri-dentate imino-based iron and cobalt pre-catalysts for ethylene oligo-/polymerization. <i>Inorganic Chemistry Frontiers</i> , 2014 , 1, 14-34	6.8	103
331	Polymerization of isoprene catalyzed by 2-(methyl-2-benzimidazolyl)-6-(1-(arylimino) ethyl) pyridine iron(III) trichloride with an additional donor. <i>Journal of Polymer Science Part A</i> , 2014 , 52, 2395-2398	2.5	12
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319	Novel spiroketal-based diphosphite ligands for hydroformylation of terminal and internal olefins. <i>Catalysis Science and Technology</i> , 2013 , 3, 1901	5.5	14
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305	Nickel complex pre-catalysts in ethylene polymerization: new approaches to elastomeric materials. <i>Catalysis Science and Technology</i> , 2013 , 3, 1172	5.5	137
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238	Synthesis, characterization and ethylene oligomerization behavior of 2-benzimidazol-8-ethoxyquinolynickel dihalides. <i>Dalton Transactions</i> , 2011 , 40, 2614-21	4.3	25
237	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, 10209-14	4.3	78
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226	Ediketiminato 3d-metal compounds: Synthesis, characterization and catalytic behavior towards ethylene. <i>Inorganica Chimica Acta</i> , 2011 , 370, 215-223	2.7	11
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126	Vinyl polymerization of norbornene over supported nickel catalyst. <i>Journal of Applied Polymer Science</i> , 2006 , 102, 2233-2240	2.9	16
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124	Complete Chiral Induction from Enantiopure 1,2-Diamines to Benzophenone-Based Achiral Bisphosphane Ligands in Noyori-Type Rull Catalysts. <i>European Journal of Organic Chemistry</i> , 2006 , 2006, 3606-3616	3.2	36
123	Practical by Ligand Design: A New Class of Monodentate Phosphoramidite Ligands for Rhodium-Catalyzed Enantioselective Hydrogenations. <i>Advanced Synthesis and Catalysis</i> , 2006 , 348, 1049-1057	5.6	29
122	Generation of Self-Supported Noyori-Type Catalysts Using Achiral Bridged-BIPHEP for Heterogeneous Asymmetric Hydrogenation of Ketones. <i>Advanced Synthesis and Catalysis</i> , 2006 , 348, 1533-1538	5.6	27
121	Mono- vs. bi-metallic assembly on a bulky bis(imino)terpyridine framework: a combined experimental and theoretical study. <i>Dalton Transactions</i> , 2006 , 2350-61	4.3	28
120	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	5.5	160

119	Synthesis and Characterization of Tridentate Nickel Complexes Bearing P?N?N and P?N?P Ligands and Their Catalytic Property in Ethylene Oligomerization. <i>Organometallics</i> , 2006 , 25, 236-244	3.8	86
118	Iron Complexes Bearing 2-Imino-1,10-phenanthrolyl Ligands as Highly Active Catalysts for Ethylene Oligomerization. <i>Organometallics</i> , 2006 , 25, 666-677	3.8	144
117	Synthesis, Characterization, and Ethylene Oligomerization and Polymerization of [2,6-Bis(2-benzimidazolyl)pyridyl]chromium Chlorides. <i>Organometallics</i> , 2006 , 25, 1961-1969	3.8	122
116	Spacially confined M2 centers (M = Fe, Co, Ni, Zn) on a sterically bulky binucleating support: synthesis, structures and ethylene oligomerization studies. <i>Inorganic Chemistry</i> , 2006 , 45, 9890-900	5.1	59
115	Iron(II) Complexes Ligated with 2-Imino-1,10-Phenanthroline for Ethylene Activation. <i>Studies in Surface Science and Catalysis</i> , 2006 , 161, 87-94	1.8	
114	Vinyl Polymerization of Norbornene over Supported Nickel Catalyst. <i>Studies in Surface Science and Catalysis</i> , 2006 , 209-212	1.8	1
113	Synthesis, Characterization and Ethylene Reactivity of 2-Ester-6-iminopyridyl Metal Complexes. <i>Studies in Surface Science and Catalysis</i> , 2006 , 161, 141-146	1.8	
112	Copolymerization of cyclopentadiene with styrene by methylaluminoxane catalyst. <i>Polymers for Advanced Technologies</i> , 2006 , 17, 486-490	3.2	4
111	Polymerization of cyclopentadiene initiated by methylaluminoxane. <i>Journal of Polymer Science Part A</i> , 2006 , 44, 264-272	2.5	10
110	Ethylene polymerization promoted by nickel complexes. <i>Kinetics and Catalysis</i> , 2006 , 47, 278-283	1.5	45
109	Electronically variable imino-phenanthrolyl-cobalt complexes; synthesis, structures and ethylene oligomerisation studies. <i>Journal of Organometallic Chemistry</i> , 2006 , 691, 4114-4123	2.3	48
108	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	2.3	93
107	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	2.3	54
106	Use of Stille-type cross-coupling as a route to oligopyridylimines. <i>Tetrahedron</i> , 2006 , 62, 79-89	2.4	23
105	Synthesis and properties of alternating copolymers of carbon monoxide with 5-vinyl-2-norbornene. <i>Polymer Science - Series A</i> , 2006 , 48, 462-469	1.2	2
104	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 and derivatives, cytochrome c). <i>Dalton Transactions</i> , 2005 , 256-67	4.3	136
103	Controlled Synthesis of 2-Acetyl-6-carbethoxypyridine and 2,6-Diacetylpyridine from 2,6-Dimethylpyridine. <i>Synthetic Communications</i> , 2005 , 35, 2317-2324	1.7	15
102	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	2.3	117

101	Bridged bis-pyridinylimino dinickel(II) complexes: Syntheses, characterization, ethylene oligomerization and polymerization. <i>Journal of Organometallic Chemistry</i> , 2005 , 690, 1739-1749	2.3	109
100	Nickel(II) complexes bearing phosphinooxazoline ligands: Synthesis, structures and their ethylene oligomerization behaviors. <i>Journal of Organometallic Chemistry</i> , 2005 , 690, 3918-3928	2.3	56
99	Functionalised dien ligands of the type (ArNHCH ₂ CH ₂) ₂ NR [R=Me, (2-C ₅ H ₄ N)CH ₂] and their complexes with iron and cobalt halides. <i>Polyhedron</i> , 2005 , 24, 2017-2026	2.7	3
98	Preparation and characterization of carboximate iron(II) complexes. <i>Inorganic Chemistry Communication</i> , 2005 , 8, 41-43	3.1	10
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96	Preparation and characterization of acylhydrazone nickel(II) complexes and their catalytic behavior in vinyl polymerization of norbornene and oligomerization of ethylene. <i>Journal of Molecular Catalysis A</i> , 2005 , 231, 221-233		53
95	. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2005 , 23, 619	3.5	19
94	The Synthesis of New Asymmetric Double Schiff Bases Containing a New o-Amino Benzoic Acid Derivative. <i>Synthetic Communications</i> , 2004 , 34, 3235-3242	1.7	5
93	Influence of electronic effect on catalytic activity of bis(imino)pyridyl Fe(II) and bis(imino)pyrimidyl Fe(II) complexes. <i>Journal of Molecular Catalysis A</i> , 2004 , 218, 119-124		59
92	Second-Sphere Coordination of the Tris(5, 5'-diamino-2, 2'-bipyridine)iron Complex With Arene-Carboxylate Ligands Through N-H...O Hydrogen Bonding. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2004 , 630, 1564-1572	1.3	18
91	Bimodal polyethylene promoted by novel nickel complex. <i>Polymer International</i> , 2004 , 53, 2155-2161	3.3	23
90	Influence of electronic effect on catalytic activity of salicylaldiminato nickel(II) complexes. <i>Journal of Polymer Science Part A</i> , 2004 , 42, 4765-4774	2.5	70
89	Reaction of zirconacyclopentadienes with electrophiles such as benzaldehyde, methyl methacrylate and 1-bromo-2-butyne after treatment with RLi. <i>Tetrahedron Letters</i> , 2004 , 45, 9041-9043	2	5
88	Supramolecular helical architecture assembled by double-helical [Ag ₂ L ₂] units. <i>Journal of Organometallic Chemistry</i> , 2004 , 689, 43-49	2.3	10
87	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	2.3	84
86	Synthesis and characterization of new bis(1-aryliminomethylen)naphthalen-2-oxy)nickel complexes and their catalytic behavior for vinyl polymerization of norbornene. <i>Journal of Organometallic Chemistry</i> , 2004 , 689, 936-946	2.3	43
85	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 , 3231-40	4.3	35
84	Synthesis, Characterization, and Ethylene Oligomerization and Polymerization of Ferrous and Cobaltous 2-(Ethylcarboxylato)-6-iminopyridyl Complexes. <i>Organometallics</i> , 2004 , 23, 5037-5047	3.8	129

83	Synthesis and Characterisation of Dibenzofuran Derivatives. <i>Journal of Chemical Research</i> , 2003 , 2003, 734-735	0.6	3
82	Synthesis, Characterization, and Ethylene Oligomerization of 2,6-Bis(imino)phenoxy Cobalt Complexes. <i>Australian Journal of Chemistry</i> , 2003 , 56, 703	1.2	16
81	Bis(2,6-(2,6-diisoproylanil)diformyl-4-chloro-phenolate) nickel(II). <i>Journal of Chemical Crystallography</i> , 2003 , 33, 159-163	0.5	2
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79	Combined polymerization catalysis of nickel complex and zirconocene for branched polyethylene. <i>Open Chemistry</i> , 2003 , 1, 325-338	1.6	1
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76	Synthesis and characterization of 2-imino-indole nickel complexes and their ethylene oligomerization study. <i>Inorganic Chemistry Communication</i> , 2003 , 6, 1372-1374	3.1	24
75	Second-sphere coordination of 5,5'-diamino-2,2'-bipyridine metal complexes with oxygen ligands through N-H...O hydrogen bonding. <i>Inorganica Chimica Acta</i> , 2003 , 343, 366-372	2.7	22
74	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	2.3	46
73	Crystal structure and modeling calculation of the columnar helix 2,6-Bis(imino)phenoxy iron(III) chloride. <i>Inorganic Chemistry Communication</i> , 2003 , 6, 5-9	3.1	9
72	Highly active vinyl-polymerization of norbornene by [2-methyl-8-(diphenylphosphino)quinoline]nickel(II) dichloride/methylaluminoxane. <i>Journal of Molecular Catalysis A</i> , 2003 , 206, 23-28		50
71	Ethylene oligomerization by hydrazone Ni(II) complexes/MAO. <i>Applied Catalysis A: General</i> , 2003 , 246, 11-16	5.1	27
70	Vinyl-polymerization of norbornene catalyzed by bis-[N-(substituted methyl)-salicylideneiminato]nickel/MAO system. <i>Applied Catalysis A: General</i> , 2003 , 252, 261-267	5.1	46
69	Novel Heterometallic Polymers Induced by Host-Guest Cations: X-ray Structures of [(18-crown-6)KAgWS4] _n and [(18-crown-6)Ba(DMF)4](Ag2W2S8) _n . <i>Supramolecular Chemistry</i> , 2003 , 15, 127-132	1.8	1
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62	Ethylene polymerization by iron complexes with symmetrical and unsymmetrical ligands. <i>Polymer International</i> , 2002 , 51, 994-997	3.3	50
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60	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	2.3	110
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58	Synthesis and X-ray structure of dichlorobis(8-(diphenylphosphinyl)quinoline)nickel(II). <i>Journal of Chemical Crystallography</i> , 2002 , 32, 107-111	0.5	1
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53	Chromium complexes bearing pyrrolide-imine N,N-chelate ligands: synthesis, structures and ethylene polymerisation behaviour. <i>Dalton Transactions RSC</i> , 2002 , 4017-4023		53
52	Perpendicular to parallel reorientation of a terminal alkyne on a mixed-metal triangle; synthesis and structural characterisation. <i>Dalton Transactions RSC</i> , 2002 , 1671-1677		23
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50	Synthesis and circular dichroism spectra of silver(I) complexes with R,R-DIOP (4R,5R-trans-4,5-bis[(diphenylphosphino)methyl]-2,2-dimethyl-1,3-dioxalane): crystal structures of $[AgCl(R,R-DIOP)]_2 \cdot 2CHCl_3$, $\{[AgBr(R,R-DIOP)]_2\} \cdot 2[CH_2Cl_2] \cdot 2H_2O$, $[AgI(R,R-DIOP)]_2$ and $[AgSCN(R,R-DIOP)]_2$. <i>Journal of Organometallic Chemistry</i> , 2001 , 640, 57-64	2.3	8
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44	Isomerisation and fragmentation of sulfur-containing organometallacycles on dicobalt centres induced by phosphorus donor ligands. <i>Dalton Transactions RSC</i> , 2001 , 202-210		4
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39	A five-coordinate chromium alkyl complex stabilised by salicylaldiminato ligands. <i>Dalton Transactions RSC</i> , 2000 , 1969-1971		97
38	Formation of carbene and cyclopentadienyl ligands from phenylacetylene via oligomerisation and CC bond scission at a mixed-metal WCo centre. <i>Chemical Communications</i> , 2000 , 1313-1314	5.8	8
37	Preparation of benzocycloheptene derivatives from zirconacyclopentadienes. <i>Organic Letters</i> , 2000 , 2, 1197-9	6.2	15
36	Synthesis and characterization of Cp*MCpWFe(CO)7(β-S) (Cp*=C ₅ H ₅ , C ₅ H ₄ CH ₃ ; Cp=C ₅ H ₅ ; M=W, Mo) and crystal structure of (β-C ₅ H ₅)W(β-C ₅ H ₄ CH ₃)WFe(CO)7(β-S). <i>Polyhedron</i> , 1999 , 18, 1541-1544	2.7	4
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32	Chromium ethylene polymerisation catalysts bearing reduced Schiff-base N,O-chelate ligands. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999 , 827-830		59
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26	Copper-Catalyzed Intermolecular [4+4] and [4+5] Coupling of Zirconacyclopentadienes with Bis(halomethyl)arenes: A New Pathway to Eight- and Nine-Membered Ring Derivatives. <i>Organometallics</i> , 1998 , 17, 3841-3843	3.8	42
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24	Novel olefin polymerization catalysts based on iron and cobalt. <i>Chemical Communications</i> , 1998 , 849-850	5.8	911
23	Zirconocene Catalyzed Dehalogenation of Aromatic Halides by Alkylmagnesium Reagents. <i>Chemistry Letters</i> , 1997 , 26, 1251-1252	1.7	26
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20	Zirconocene-Mediated Intramolecular Carbon-Carbon Bond Formation of Two Alkynyl Groups of Bis(alkynyl)silanes. <i>Journal of the American Chemical Society</i> , 1997 , 119, 12842-12848	16.4	80
19	Synthesis, characterization and crystal structures of heterometallic trinuclear carbonyl sulfido clusters $(\eta^5\text{-Cp})\text{MoFeCo}(\text{CO})_8(\mu\text{-S})$ and $[(\eta^5\text{-Cp})\text{Mo}]_2\text{Fe}(\text{CO})_7(\mu\text{-S})$. <i>Transition Metal Chemistry</i> , 1997 , 22, 176-179	2.1	1
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17	Preparation and crystal structure of $[(\eta^5\text{-C}_5\text{H}_4\text{CH}_3)\text{MoFeCo}(\text{CO})_6(\mu_4\text{-Ph}_2\text{PCH}_2\text{CH}_2\text{PPh}_2)(\mu\text{-S})]$. <i>Polyhedron</i> , 1996 , 15, 2613-2616	2.7	8
16	Synthesis, characterization and structure of a new $\mu\text{-S}$ cluster $[(\eta^5\text{-C}_5\text{H}_5)\text{Fe}_3\text{Co}(\text{CO})_{11}(\mu\text{-S})]$. <i>Polyhedron</i> , 1996 , 15, 4169-4172	2.7	5
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14	Synthesis and x-ray crystal structure of $\text{Fe}_2\text{Co}[\mu\text{-SFe}(\text{CO})_2(\eta^5\text{-C}_5\text{H}_4\text{CH}_3)](\text{CP})_9$: the $\mu\text{-S}$ heterometallic cluster as an example of an intermediate in electrophilic addition-substituent elimination. <i>Polyhedron</i> , 1994 , 13, 851-853	2.7	4
13	Heterometallic sulfido clusters by metal exchange: syntheses and X-ray crystal structures of $(\eta^5\text{-C}_5\text{H}_4\text{CH}_3)\text{MoFeCo}(\text{CO})_8(\mu\text{-S})$ and $(\eta^5\text{-C}_5\text{H}_4\text{CH}_3)_2\text{Mo}_2\text{Fe}(\text{CO})_7(\mu\text{-S})$. <i>Journal of Organometallic Chemistry</i> , 1994 , 465, 263-265	2.3	11
12	Synthesis and Structural Characterization of the $\mu_4\text{-S}$ Heterometallic Cluster $(\eta^5\text{-C}_5\text{H}_4\text{CH}_3)_3\text{Fe}_3\text{Co}(\mu_4\text{-S})(\text{CO})_{11}$. <i>Organometallics</i> , 1994 , 13, 2910-2912	3.8	4

11	Cyclodivanadazene Alkyl and Aryl Complexes. <i>Organometallics</i> , 1994 , 13, 2572-2574	3.8	29
10	Preparation and x-ray crystal structure of a mixed-metal cluster ($(\text{C}_5\text{H}_4\text{CH}_3)_4\text{Mo}(\text{C}_2\text{H}_5)_2(\text{NO})(\text{CO})\text{Fe}_2(\text{CO})_6$. <i>Polyhedron</i> , 1992 , 11, 1143-1144	2.7	10
9	Homochiral Metal-Organic Coordination Polymers for Heterogeneous Enantioselective Catalysis: Self-Supporting Strategy	3.23-3.35	4
8	An Overview of Heterogeneous Asymmetric Catalysis	1-24	4
7	Highly active and thermostable camphyl η^5 -diimine-Bickel(II) catalysts for ethylene polymerization: Effects of N-aryl substituting groups on catalytic properties and branching structures of polyethylene. <i>Applied Organometallic Chemistry</i> ,	3.1	3
6	Trifluoromethoxy-substituted nickel catalysts for producing highly branched polyethylenes: impact of solvent, activator and N,N'-ligand on polymer properties. <i>Polymer Chemistry</i> ,	4.9	1
5	Fluorinated bis(arylimino)-6,7-dihydro-5H-quinoline-cobalt polymerization catalysts: Electronic versus steric modulation in the formation of vinyl-terminated linear PE waxes. <i>Applied Organometallic Chemistry</i> ,e6500	3.1	1
4	Ring size enlargement in an ortho-cycloalkyl-substituted bis(imino)pyridine-cobalt ethylene polymerization catalyst and its impact on performance and polymer properties. <i>Applied Organometallic Chemistry</i> ,e6529	3.1	1
3	Sterically enhanced 2-iminopyridylpalladium chlorides as recyclable ppm-palladium catalyst for Suzuki-Miyaura coupling in aqueous solution. <i>Applied Organometallic Chemistry</i> ,e6474	3.1	1
2	η^5 -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. <i>Applied Organometallic Chemistry</i> ,e6429	3.1	1
1	Modulating thermostability and productivity of benzhydryl-substituted bis(imino)pyridine-iron C_2H_4 polymerization catalysts through ortho- $\text{C}_n\text{H}_{2n-1}$ ($n = 5, 6, 8, 12$) ring size adjustment. <i>European Journal of Inorganic Chemistry</i> ,	2.3	1