

Yanping

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Ring size enlargement in an <i>ortho</i> -cycloalkyl-substituted bis(imino)pyridine-cobalt ethylene polymerization catalyst and its impact on performance and polymer properties. <i>Applied Organometallic Chemistry</i> , 2022, 36, e6529.	1.7	8
2	Highly active and thermostable camphyl diimine-nickel(II) catalysts for ethylene polymerization: Effects of <i>N</i> -aryl substituting groups on catalytic properties and branching structures of polyethylene. <i>Applied Organometallic Chemistry</i> , 2022, 36, .	1.7	10
3	Trifluoromethoxy-substituted nickel catalysts for producing highly branched polyethylenes: impact of solvent, activator and <i>N,N</i> -ligand on polymer properties. <i>Polymer Chemistry</i> , 2022, 13, 1040-1058.	1.9	16
4	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.	1.8	5
5	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. <i>Dalton Transactions</i> , 2022, 51, 8290-8302.	1.6	7
6	4,4-Dimethoxybenzhydryl substituent augments performance of bis(imino)pyridine cobalt-based catalysts in ethylene polymerization. <i>RSC Advances</i> , 2022, 12, 15741-15750.	1.7	3
7	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.	2.1	17
8	Post-functionalization of narrowly dispersed PE waxes generated using tuned <i>N,N,N'</i> -cobalt ethylene polymerization catalysts substituted with <i>ortho</i> -cycloalkyl groups. <i>Polymer</i> , 2021, 213, 123294.	1.8	12
9	Resin Transfer Moldable Fluorinated Phenylethynyl-Terminated Imide Oligomers with High T _g : Structure-Melt Stability Relationship. <i>Polymers</i> , 2021, 13, 903.	2.0	8
10	Exploring <i>ortho</i> -(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.	1.7	14
11	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.	1.0	8
12	Ethylene oligomerization with 2-hydroxymethyl-5,6,7-trihydroquinolinyl-8-ylideneamine-Ni(II) chlorides. <i>Journal of Organometallic Chemistry</i> , 2021, 937, 121720.	0.8	10
13	Thermally resilient cobalt ethylene polymerization catalysts under the joint influence of co-catalyst, gem-dimethyl substitution and <i>ortho</i> -cycloalkyl ring size. <i>Polymer</i> , 2021, 222, 123684.	1.8	9
14	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.	0.8	4
15	Boosting activity, thermostability, and lifetime of iron ethylene polymerization catalysts through gem-dimethyl substitution and incorporation of <i>ortho</i> -cycloalkyl substituents. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6376.	1.7	5
16	Exploring an aggregation induced emission behaviour of neutral iridium complexes consisting of salicylaldimine ligand with dibenzosuberane core. <i>Journal of Organometallic Chemistry</i> , 2021, 949, 121954.	0.8	2
17	Integrating Ring-Size Adjustable Cycloalkyl and Benzhydryl Groups as the Steric Protection in Bis(arylimino)trihydroquinoline-Cobalt Catalysts for Ethylene Polymerization. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 3956.	1.0	1
18	Cationic iridium (III) complexes bearing fluorinated Ar-BIAN ligands: Synthesis, structure, electronic, and electrochemical properties. <i>Journal of Organometallic Chemistry</i> , 2021, 951, 122002.	0.8	2

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19	Remote dibenzocycloheptyl substitution on a bis(arylimino)pyridyl-iron ethylene polymerization catalyst; enhanced thermal stability and unexpected effects on polymer properties. <i>Polymer Chemistry</i> , 2021, 12, 4214-4225.	1.9	14
20	Naphthalenylâ€¦substituted 1,1'-bisimino-2,3-:â€‰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.	1.0	4
21	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. <i>RSC Advances</i> , 2021, 11, 39869-39878.	1.7	3
22	2â€‰Acetyloxymethylâ€¦substituted 5,6,7â€‰trihydroquinolinylâ€‰ylideneamineâ€‰Ni(II) chlorides and their application in ethylene dimerization/trimerization. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5254.	1.7	11
23	Attaining highly branched polyethylene elastomers by employing modified 1,1'-diiminonickel(II) catalysts: Probing the effects of enhancing fluorine atom on the ligand framework towards mechanical properties of polyethylene. <i>Polymer</i> , 2020, 187, 122089.	1.8	24
24	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.	1.6	3
25	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.	1.6	6
26	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.	1.6	16
27	2-(<i>N,N</i> -Diethylaminomethyl)-6,7-trihydroquinolinyl-8-ylideneamine-Ni(<i>scpd</i>) chlorides: application in ethylene dimerization and trimerization. <i>New Journal of Chemistry</i> , 2020, 44, 17047-17052.	1.4	7
28	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, 4244.	1.7	12
29	Unifying Molecular Weights of Highly Linear Polyethylene Waxes through Unsymmetrical 2,4-Bis(imino)pyridylchromium Chlorides. <i>Molecules</i> , 2020, 25, 5584.	1.7	2
30	Bis-cycloheptyl-fused bis(imino)pyridine-cobalt catalysts for PE wax formation: positive effects of fluoride substitution on catalytic performance and thermal stability. <i>Dalton Transactions</i> , 2020, 49, 9425-9437.	1.6	29
31	Ruthenium-catalyzed hydrogenation of CO ₂ as a route to methyl esters for use as biofuels or fine chemicals. <i>Chemical Science</i> , 2020, 11, 6766-6774.	3.7	13
32	High molecular weight polyethylenes of narrow dispersity promoted using bis(arylimino)cyclohepta[<i>b</i>]pyridine-cobalt catalysts ortho-substituted with benzhydryl & cycloalkyl groups. <i>Dalton Transactions</i> , 2020, 49, 4774-4784.	1.6	22
33	The chloroâ€¦substituent enhances performance of 2,4-bis(imino)pyridylchromium catalysts yielding highly linear polyethylene. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5471.	1.7	6
34	Achieving polydispersive HDPE by <i>N,N,N</i> -Co precatalysts appended with <i>N,N</i> -2,4-bis(di(4-methoxyphenyl)methyl)-6-methylphenyl. <i>RSC Advances</i> , 2020, 10, 43400-43411.	1.7	9
35	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.	3.0	76
36	Plastomeric-like polyethylenes achievable using thermally robust <i>N,N</i> -nickel catalysts appended with electron withdrawing difluorobenzhydryl and nitro groups. <i>Dalton Transactions</i> , 2019, 48, 1878-1891.	1.6	30

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37	Bis(imino)pyridines fused with 6- and 7-membered carbocyclic rings as $\langle i \rangle N \langle /i \rangle, \langle i \rangle N \langle /i \rangle, \langle i \rangle N \langle /i \rangle$ -scaffolds for cobalt ethylene polymerization catalysts. Dalton Transactions, 2019, 48, 2582-2591.	1.6	42
38	Achievement of strictly linear ultra-high molecular weight polyethylene with narrow dispersity by dint of nitro-enhanced 2,6-bis(imino)pyridylchromium chloride complexes. New Journal of Chemistry, 2019, 43, 11307-11315.	1.4	7
39	Activity and Thermal Stability of Cobalt(II)-Based Olefin Polymerization Catalysts Adorned with Sterically Hindered Dibenzocycloheptyl Groups. Molecules, 2019, 24, 2007.	1.7	22
40	Highly linear polyethylenes tailored with 2,6-bis[1-($\langle i \rangle p \langle /i \rangle$ -dibenzo-cycloheptylarylimino)ethyl]pyridylcobalt dichlorides. Dalton Transactions, 2019, 48, 5604-5613.	1.6	35
41	Steric and electronic modulation of iron catalysts as a route to remarkably high molecular weight linear polyethylenes. Dalton Transactions, 2019, 48, 17488-17498.	1.6	25
42	Nitro-functionalized bis(imino)pyridylferrous chlorides as thermo-stable precatalysts for linear polyethylenes with high molecular weights. Polymer, 2018, 159, 124-137.	1.8	50
43	Cycloheptyl-fused $\langle i \rangle N \langle /i \rangle, \langle i \rangle N \langle /i \rangle, \langle i \rangle N \langle /i \rangle$ -chromium catalysts with selectivity for vinyl-terminated polyethylene waxes: thermal optimization and polymer functionalization. Dalton Transactions, 2018, 47, 13487-13497.	1.6	28
44	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.	1.8	47
45	An air and moisture tolerant iminotrihydroquinoline-ruthenium(ii) catalyst for the transfer hydrogenation of ketones. Dalton Transactions, 2018, 47, 8738-8745.	1.6	6
46	Structure effect on transition mechanism of UV-visible absorption spectrum in polyimides: A density functional theory study. Polymer, 2018, 148, 356-369.	1.8	22
47	$\langle i \rangle$ ortho- $\langle /i \rangle$ -Cycloalkyl substituted $\langle i \rangle N \langle /i \rangle, \langle i \rangle N \langle /i \rangle$ -diaryliminoacenaphthene-Ni($\langle scp \rangle ii \langle /scp \rangle$) catalysts for polyethylene elastomers; exploring ring size and temperature effects. Dalton Transactions, 2017, 46, 15684-15697.	1.6	32
48	Thieno[3,4- $\langle i \rangle c \langle /i \rangle$]Pyrrole- $\langle i \rangle 4,6 \langle /i \rangle$ -Dione and Dithiophene-Based Conjugated Polymer for Organic Field Effect Transistors: High Mobility Induced by Synergic Effect of H-Bond and Vinyl Linkage. Macromolecular Rapid Communications, 2016, 37, 1357-1363.	2.0	7
49	Macromol. Rapid Commun. 16/2016. Macromolecular Rapid Communications, 2016, 37, 1384-1384.	2.0	0
50	Formation of six-coordinated silicon in calcium phosphosilicate xerogels assisted by polyols at low temperature and pressure. Chinese Chemical Letters, 2015, 26, 768-772.	4.8	2
51	Preparation of fluorinated polyimides with bulky structure and their gas separation performance correlated with microstructure. Polymer, 2015, 69, 138-147.	1.8	76
52	Dissipative particle dynamics thermostat: a novel thermostat for molecular dynamics simulation of liquid crystals with Gay-Berne potential. Science China Chemistry, 2015, 58, 694-707.	4.2	7
53	Intermolecular Interactions and 3D Structure in Cellulose-NaOH-Urea Aqueous System. Journal of Physical Chemistry B, 2014, 118, 10250-10257.	1.2	88
54	Coarse-Grained Molecular Dynamics Simulations of the Phase Behavior of the 4-Cyano-4'-pentylbiphenyl Liquid Crystal System. Journal of Physical Chemistry B, 2012, 116, 2075-2089.	1.2	31

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55	Nearly Monodispersed Perylene Nanotablets: Easy Fabrication and Unique Optical Properties. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 10696-10700.	0.9	0
56	Classification of V_xO_y Clusters by $\hat{I}^n = 2y + q \hat{a}^5 x$. <i>Chinese Journal of Chemical Physics</i> , 2011, 24, 586-596.	0.6	19
57	Theoretical Investigation of the Selective Oxidation of Methanol to Formaldehyde on Vanadium Oxide Species Supported on Silica: Umbrella Model. <i>Journal of Physical Chemistry C</i> , 2010, 114, 3161-3169.	1.5	29
58	Transition metal oxide clusters with character of oxygen-centered radical: a DFT study. <i>Theoretical Chemistry Accounts</i> , 2010, 127, 449-465.	0.5	117
59	Interfacial Molecular Assemblies of Metalloporphyrins with Two <i>Trans</i> or One Axial Ligands. <i>ChemPhysChem</i> , 2010, 11, 722-729.	1.0	10
60	A Theoretical Study on the Mechanism of C_2H_4 Oxidation over a Neutral V_3O_8 Cluster. <i>ChemPhysChem</i> , 2010, 11, 1718-1725.	1.0	24
61	Density functional study on cage and noncage $(Fe_2O_3)_n$ clusters. <i>Journal of Chemical Physics</i> , 2009, 130, 014303.	1.2	47
62	Theoretical study of partial oxidation of ethylene by vanadium trioxide cluster cation. <i>Science Bulletin</i> , 2009, 54, 2814-2821.	4.3	12
63	Acidification and Assembly of Porphyrin at an Interface: Counterion Matching, Selectivity, and Supramolecular Chirality. <i>ACS Applied Materials & Interfaces</i> , 2009, 1, 2036-2043.	4.0	40
64	Theoretical study of intermolecular interactions in meso-tetraphenylporphyrin diacid dimer $(H_4TPPCl_2)_2$. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 2543.	1.3	12
65	Experimental and theoretical studies of the reaction between cationic vanadium oxide clusters and acetylene. <i>Science Bulletin</i> , 2008, 53, 3829-3838.	4.3	10
66	<i>Ab initio</i> and DFT Study of the Structural Properties and Thermochemistry of $CH_3S(O)_2OONO_2$ Atmospheric Molecule and $CH_3S(O)_2OO\dot{A}$ Radical. <i>Chinese Journal of Chemistry</i> , 2008, 26, 998-1004.	2.6	3
67	Partial Oxidation of Propylene Catalyzed by VO_3 Clusters: A Density Functional Theory Study. <i>Journal of Physical Chemistry A</i> , 2008, 112, 5984-5993.	1.1	45
68	Acetylene Cyclotrimerization Catalyzed by TiO_2 and VO_2 in the Gas Phase: A DFT Study. <i>Journal of Physical Chemistry A</i> , 2008, 112, 3731-3741.	1.1	36
69	Multicolor emission from large-area porous thin films constructed of nanowires of small organic molecules. <i>Nanotechnology</i> , 2008, 19, 505703.	1.3	4
70	Sterically enhanced 2-aminopyridylpalladium chlorides as recyclable ppm-palladium catalyst for Suzuki-Miyaura coupling in aqueous solution. <i>Applied Organometallic Chemistry</i> , 0, , e6474.	1.7	3
71	Fluorinated bis(arylimino)-6,7-dihydro-5 H -quinoline-cobalt polymerization catalysts: Electronic versus steric modulation in the formation of vinyl-terminated linear PE waxes. <i>Applied Organometallic Chemistry</i> , 0, , e6500.	1.7	3
72	Nickel(II) complexes with sterically hindered 5,6,7-trihydroquinoline derivatives selectively dimerizing ethylene to 1-butene. <i>Applied Organometallic Chemistry</i> , 0, , .	1.7	5