

Tongling Liang

List of Publications by Year in descending order

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107
papers

2,809
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147566

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108
docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Chiral Reticular Self-Assembly of Achiral AIEgen into Optically Pure Metal-Organic Frameworks (MOFs) with Dual Mechano-switchable Circularly Polarized Luminescence. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 12811-12816.	7.2	105
2	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. <i>Organometallics</i> , 2015, 34, 582-590.	1.1	96
3	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.	1.6	93
4	Ultra-high molecular weight elastomeric polyethylene using an electronically and sterically enhanced nickel catalyst. <i>Polymer Chemistry</i> , 2017, 8, 6416-6430.	1.9	89
5	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.	1.9	81
6	2-(1-Aryliminoethyl)-9-arylimino-5,6,7,8-tetrahydrocycloheptapyridyl iron(II) dichloride: synthesis, characterization, and the highly active and tunable active species in ethylene polymerization. <i>Dalton Transactions</i> , 2014, 43, 16818-16829.	1.6	79
7	Nickel(II) Complexes Chelated by 2-Arylimino-6-benzoxazolylpyridine: Syntheses, Characterization, and Ethylene Oligomerization. <i>Organometallics</i> , 2008, 27, 5641-5648.	1.1	77
8	Methylene-bridged bimetallic μ -diimino nickel(II) complexes: synthesis and high efficiency in ethylene polymerization. <i>Dalton Transactions</i> , 2013, 42, 9176.	1.6	75
9	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.	1.6	74
10	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.	0.8	72
11	Ring-tension adjusted ethylene polymerization by aryliminocycloheptapyridyl nickel complexes. <i>Dalton Transactions</i> , 2015, 44, 14281-14292.	1.6	72
12	Charge transfer co-crystals based on donor-acceptor interactions for near-infrared photothermal conversion. <i>Chemical Communications</i> , 2020, 56, 5223-5226.	2.2	62
13	Concurrently Improving the Thermal Stability and Activity of Ferrous Precatalysts for the Production of Saturated/Unsaturated Polyethylene. <i>Organometallics</i> , 2018, 37, 957-970.	1.1	61
14	Tuning the Solid State Emission of the Carbazole and Cyano-substituted Tetraphenylethylene by Co-crystallization with Solvents. <i>Small</i> , 2016, 12, 6554-6561.	5.2	55
15	Syntheses, Structures, and Fluorescent Properties of 2-(1H-Imidazol-2-yl)phenols and Their Neutral Zn(II) Complexes. <i>Inorganic Chemistry</i> , 2009, 48, 9133-9146.	1.9	54
16	μ - μ -Bis(arylimino)-2,3,5,6-bis(pentamethylene)pyridylcobalt Chlorides: Synthesis, Characterization, and Ethylene Polymerization Behavior. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 1748-1755.	1.0	54
17	Ultrasensitive reversible chromophore reaction of BODIPY functions as high ratio double turn on probe. <i>Nature Communications</i> , 2018, 9, 362.	5.8	48
18	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.	3.0	47

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19	Strictly linear polyethylene using Co-catalysts chelated by fused bis(arylimino)pyridines: Probing ortho-cycloalkyl ring-size effects on molecular weight. <i>Polymer</i> , 2018, 149, 45-54.	1.8	47
20	Targeting polyethylene waxes: 9-(2-cycloalkylphenylimino)-5,6,7,8-tetrahydrocycloheptapyridylnickel halides and their use as catalysts for ethylene polymerization. <i>RSC Advances</i> , 2015, 5, 77913-77921.	1.7	45
21	Thermo-stable 2-(arylimino)benzylidene-9-arylimino-5,6,7,8-tetrahydrocyclohepta[b]pyridyliron(II) precatalysts toward ethylene polymerization and highly linear polyethylenes. <i>Journal of Polymer Science Part A</i> , 2017, 55, 830-842.	2.5	44
22	Synthesis, characterization and ethylene oligomerization behaviour of 8-(1-aryliminoethylidene)quinaldinylnickel dihalides. <i>Catalysis Science and Technology</i> , 2011, 1, 69.	2.1	43
23	Bipyridyl-Containing Cadmium-Organic Frameworks for Efficient Photocatalytic Oxidation of Benzylamine. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 30953-30958.	4.0	42
24	Bis(imino)pyridines fused with 6- and 7-membered carbocyclic rings as π - π -scaffolds for cobalt ethylene polymerization catalysts. <i>Dalton Transactions</i> , 2019, 48, 2582-2591.	1.6	42
25	2-Substituted 8-(2-benzhydrylarylimino)-5,6,7-trihydroquinoline-N,N'-nickel dichlorides: Synthesis, characterization and catalytic behavior towards ethylene. <i>Journal of Organometallic Chemistry</i> , 2012, 708-709, 98-105.	0.8	41
26	Biphenyl-Bridged 6-(1-Aryliminoethyl)-2-iminopyridylcobalt Complexes: Synthesis, Characterization, and Ethylene Polymerization Behavior. <i>Organometallics</i> , 2014, 33, 1382-1388.	1.1	38
27	Enhancing thermostability of iron ethylene polymerization catalysts through π - π -chelation of doubly fused 1,1'-bis(arylimino)-2,3:5,6-bis(hexamethylene)pyridines. <i>Catalysis Science and Technology</i> , 2019, 9, 1933-1943.	2.1	37
28	Synthesis, characterization and ethylene polymerization behaviour of binuclear nickel halides bearing 4,5,9,10-tetra(arylimino)pyrenylidenes. <i>Dalton Transactions</i> , 2014, 43, 7830-7837.	1.6	36
29	Highly linear polyethylenes tailored with 2,6-bis[1-(π -dibenzo-cycloheptylarylimino)ethyl]pyridylcobalt dichlorides. <i>Dalton Transactions</i> , 2019, 48, 5604-5613.	1.6	35
30	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.	2.2	33
31	π -Cycloalkyl substituted π -diaryliminoacenaphthene-Ni(π) catalysts for polyethylene elastomers; exploring ring size and temperature effects. <i>Dalton Transactions</i> , 2017, 46, 15684-15697.	1.6	32
32	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.	2.6	32
33	Probing the effect of π -cycloalkyl ring size on activity and thermostability in cycloheptyl-fused π -iron ethylene polymerization catalysts. <i>Dalton Transactions</i> , 2020, 49, 136-146.	1.6	31
34	Rigid geometry 8-arylimino-7,7-dimethyl-5,6-dihydroquinolyl nickel bromides: single-site active species towards ethylene polymerization. <i>New Journal of Chemistry</i> , 2016, 40, 9329-9336.	1.4	30
35	Selectivity Effects on π -Cobalt Catalyzed Ethylene Dimerization/Trimerization Dictated through Choice of Aluminoxane Cocatalyst. <i>Organometallics</i> , 2019, 38, 1143-1150.	1.1	30
36	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

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37	2,6-Dibenzhydryl-N-(2-aryliminoacenaphthylidene)-4-chlorobenzenamino-palladium dichlorides: Synthesis, characterization, and use as catalysts in the Heck-reaction. <i>Journal of Organometallic Chemistry</i> , 2012, 713, 151-156.	0.8	28
38	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.	1.1	27
39	Sodium iminoquinolates with cubic and hexagonal prismatic motifs: synthesis, characterization and their catalytic behavior toward the ROP of rac-lactide. <i>Inorganic Chemistry Frontiers</i> , 2016, 3, 1178-1189.	3.0	26
40	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.	2.6	25
41	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.	1.6	25
42	4,4- E^2 -Difluorobenzhydryl-modified bis(imino)-pyridyliron(Co) chlorides as thermally stable precatalysts for strictly linear polyethylenes with narrow dispersities. <i>Dalton Transactions</i> , 2020, 49, 7384-7396.	1.6	25
43	Synthesis, characterization, and ethylene (Co) polymerization behavior of trichlorotitanium 2-arylimino(1-arylimino)propylquinolinolates. <i>Journal of Polymer Science Part A</i> , 2011, 49, 1887-1894.	2.5	24
44	Tailoring polymers through interplay of ligands within precatalysts: 2,4-bis(2,6-dimethyl-2-hydroquinolyl)nickel halides in ethylene polymerization. <i>Journal of Polymer Science Part A</i> , 2017, 55, 2071-2083.	2.5	24
45	Co-catalyst effects on the thermal stability/activity of N,N,N -Co ethylene polymerization Catalysts Bearing Fluoro-substituted 2,6-dibenzhydrylphenyl groups. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5134.	1.7	24
46	Attaining highly branched polyethylene elastomers by employing modified N,N -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
47	Cycloheptyl-fused NNO-ligands as electronically modifiable supports for M(II) ($\text{M} = \text{Co}, \text{Fe}$) chloride precatalysts; probing performance in ethylene oligo-polymerization. <i>Journal of Polymer Science Part A</i> , 2017, 55, 3980-3989.	2.5	23
48	Construction of two-dimensional supramolecular nanostructure with aggregation-induced emission effect via host-guest interactions. <i>Materials Chemistry Frontiers</i> , 2019, 3, 1532-1537.	3.2	22
49	Highly branched and high molecular weight polyethylenes produced by 1,2-bis(2,6-bis(bis(4-fluorophenyl)methyl)amino)ethane-4,6-dibenzhydrylphenyl nickel(II) halides. <i>Journal of Polymer Science Part A</i> , 2019, 57, 130-145.	2.2	22
50	High molecular weight polyethylenes of narrow dispersity promoted using bis(arylimino)cyclohepta[b]pyridine-cobalt catalysts ortho-substituted with benzhydryl & cycloalkyl groups. <i>Dalton Transactions</i> , 2020, 49, 4774-4784.	1.6	22
51	Highly cis-1,4 selective polymerization of isoprene promoted by N,N -diimine cobalt(II) chlorides. <i>Journal of Polymer Science Part A</i> , 2016, 54, 3609-3615.	2.5	21
52	Methylene-bridged bimetallic bis(imino)pyridine-cobaltous chlorides as precatalysts for vinyl-terminated polyethylene waxes. <i>Dalton Transactions</i> , 2018, 47, 6124-6133.	1.6	20
53	Bisimino-functionalized dibenzo[a,c]acridines as highly conjugated pincer frameworks for palladium(Co): synthesis, characterization and catalytic performance in Heck coupling. <i>Organic Chemistry Frontiers</i> , 2016, 3, 1668-1679.	2.3	19
54	Synthesis, characterization and ethylene polymerization of 1-(2,6-dimethyl-4-fluorenylphenylimino)-2-aryliminoacenaphthylnickel bromides. <i>Comptes Rendus Chimie</i> , 2016, 19, 604-613.	0.2	19

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55	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.	1.6	19
56	Alkylaluminum activator effects on polyethylene branching using a <i>N,N</i> -nickel precatalyst appended with bulky 4,4'-dimethoxybenzhydryl groups. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4785.	1.7	19
57	Chiral Reticular Self-Assembly of Achiral AIEgen into Optically Pure Metal-Organic Frameworks (MOFs) with Dual Mechano-Switchable Circularly Polarized Luminescence. <i>Angewandte Chemie</i> , 2020, 132, 12911-12916.	1.6	18
58	Judiciously balancing steric and electronic influences on 2,3-diiminobutane-based Pd(II) complexes in nourishing polyethylene properties. <i>Journal of Polymer Science Part A</i> , 2017, 55, 3214-3222.	2.5	17
59	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
60	Adjusting Ortho-Cycloalkyl Ring Size in a Cycloheptyl-Fused <i>N,N,N</i> -Iron Catalyst as Means to Control Catalytic Activity and Polyethylene Properties. <i>Catalysts</i> , 2020, 10, 1002.	1.6	16
61	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
62	Thermo-enhanced ring-opening polymerization of ϵ -caprolactone: the synthesis, characterization, and catalytic behavior of aluminum hydroquinolin-8-olates. <i>Dalton Transactions</i> , 2017, 46, 7833-7843.	1.6	15
63	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.	1.7	14
64	2-(7-methyl-1H-benzimidazol-2-yl)-6-(1-aryliminoethyl)pyridinylnickel complexes: Synthesis, characterization and their ethylene oligomerization. <i>Comptes Rendus Chimie</i> , 2010, 13, 1450-1459.	0.2	12
65	(Co-)polymerization of methylacrylate with NBE/1-hexene by (8-arylimino-5,6,7-trihydroquinolyl)(methyl)palladium chlorides: an approaching mechanism and the polymeric microstructures. <i>New Journal of Chemistry</i> , 2017, 41, 3653-3660.	1.4	12
66	Post-functionalization of narrowly dispersed PE waxes generated using tuned <i>N,N,N</i> -cobalt ethylene polymerization catalysts substituted with ortho-cycloalkyl groups. <i>Polymer</i> , 2021, 213, 123294.	1.8	12
67	Enhancing catalytic activity towards Heck-reaction by using 4,5,9,10-tetra(arylimino)pyrenylidenedipalladium tetrachlorides. <i>RSC Advances</i> , 2015, 5, 14228-14234.	1.7	11
68	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, 922-930.	2.5	11
69	Bimetallic Aluminum 5,6-Dihydro-7,7-dimethyl quinolin-8-olates as Pro-Initiators for the ROP of ϵ -CL; Probing the Nuclearity of the Active Initiator. <i>Polymers</i> , 2018, 10, 764.	2.0	11
70	Enhancing Ethylene Polymerization of <i>NNN</i> -Cobalt(II) Precatalysts Adorned with a Fluoro-substituent. <i>ACS Omega</i> , 2021, 6, 4448-4460.	1.6	11
71	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.	2.8	11
72	Geometry Constrained <i>N</i> -(5,6,7-Trihydroquinolin-8-ylidene)arylamino-palladium Dichloride Complexes: Catalytic Behavior toward Methyl Acrylate (MA), Methyl Acrylate-co-Norbornene (MA-co-NB) Polymerization and Heck Coupling. <i>Molecules</i> , 2016, 21, 1686.	1.7	10

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73	Fluorinated Sterically Bulky Mononuclear and Binuclear 2-Iminopyridylnickel Halides for Ethylene Polymerization: Effects of Ligand Frameworks and Remote Substituents. ACS Omega, 2021, 6, 30157-30172.	1.6	10
74	Highly active and thermostable camphyl λ^2 -diimine nickel(II) catalysts for ethylene polymerization: Effects of σ -aryl substituting groups on catalytic properties and branching structures of polyethylene. Applied Organometallic Chemistry, 2022, 36, .	1.7	10
75	Bimetallic aluminum complexes bearing novel spiro-phenanthrene-monoketone/OH derivatives: synthesis, characterization and the ring-opening polymerization of μ -caprolactone. RSC Advances, 2021, 11, 13274-13281.	1.7	9
76	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.	1.8	9
77	Achieving polydispersive HDPE by σ , π , π -Co precatalysts appended with σ -2,4-bis(di(4-methoxyphenyl)methyl)-6-methylphenyl. RSC Advances, 2020, 10, 43400-43411.	1.7	9
78	Magnesium and aluminum complexes bearing bis(5,6,7-trihydro quinolyl)-fused benzodiazepines for μ -caprolactone polymerization. Inorganic Chemistry Frontiers, 2016, 3, 1317-1325.	3.0	8
79	Doubly fused σ , π , π -iron ethylene polymerization catalysts appended with fluoride substituents; probing catalytic performance σ via π a combined experimental and MLR study. Catalysis Science and Technology, 2021, 11, 4605-4618.	2.1	8
80	Rational Design of Cycloheptyl-Fused Bis(arylimino)pyridyl cobalt(II) Precatalysts Adorned with Sterically and Electronically Modified σ -Aryls for Enhancing Ethylene Polymerization. European Journal of Inorganic Chemistry, 2021, 2021, 720-733.	1.0	8
81	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.	1.0	8
82	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.	1.7	8
83	2-(σ , π -Diethylaminomethyl)-6,7-trihydroquinolyl-8-ylideneamine-Ni(σ) chlorides: application in ethylene dimerization and trimerization. New Journal of Chemistry, 2020, 44, 17047-17052.	1.4	7
84	Fluorinated 2,6-bis(arylimino)pyridyl iron complexes targeting bimodal dispersive polyethylenes: probing chain termination pathways σ via π a combined experimental and DFT study. Dalton Transactions, 2022, 51, 8290-8302.	1.6	7
85	Polyethylene Waxes with Short Chain Branching via Steric and Electronic Tuning of an 8-(Arylimino)-5,6,7-trihydroquinoline-nickel Catalyst. Organometallics, 2022, 41, 3197-3211.	1.1	7
86	Self-complementary hydrogen-bonded duplexes and helices based on bis(pyrrolyl)carbohydrazide derivatives. CrystEngComm, 2011, 13, 6021.	1.3	6
87	The chloro-substituent enhances performance of 2,4-bis(imino)pyridylchromium catalysts yielding highly linear polyethylene. Applied Organometallic Chemistry, 2020, 34, e5471.	1.7	6
88	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.	1.0	6
89	λ^2 -Bis(imino)-2,3:5,6-bis(pentamethylene)pyridines appended with benzhydryl and cycloalkyl substituents: Probing their effectiveness as tunable σ , π , π supports for cobalt ethylene polymerization catalysts. Applied Organometallic Chemistry, 2021, 35, e6429.	1.7	6
90	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.	1.7	5

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91	Nickel(II) complexes with sterically hindered 5,6,7-trihydroquinoline derivatives selectively dimerizing ethylene to 1-butene. Applied Organometallic Chemistry, 0, , .	1.7	5
92	The benzhydryl-modified 2-imino-1,10-phenanthrolyliron precatalyst in ethylene oligomerization. Journal of Organometallic Chemistry, 2021, 936, 121713.	0.8	4
93	Rational design and synthesis of AIE active cationic Ir(III) complexes featuring iminopyridine ligand with dibenzosuberane core. Journal of Organometallic Chemistry, 2021, 939, 121770.	0.8	4
94	Naphthalenyl-Substituted Bisimino-2,3,5,6-Bis(pentamethylene)pyridines as Thermally Robust Supports for Iron Ethylene Polymerization Catalysts. European Journal of Inorganic Chemistry, 2021, 2021, 4530-4538.	1.0	4
95	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. Dalton Transactions, 2020, 49, 15821-15827.	1.6	3
96	Sterically enhanced 2-iminopyridylpalladium chlorides as recyclable ppm-palladium catalyst for Suzuki-Miyaura coupling in aqueous solution. Applied Organometallic Chemistry, 0, , e6474.	1.7	3
97	Fluorinated bis(arylimino)-6,7-dihydro-5H-quinoline-cobalt polymerization catalysts: Electronic versus steric modulation in the formation of vinyl-terminated linear PE waxes. Applied Organometallic Chemistry, 0, , e6500.	1.7	3
98	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.	1.7	3
99	Tetrabenzob[1,10]phenanthroline: a nitrogen-doped nanographene as a selective metal cation and proton fluorophore. New Journal of Chemistry, 2022, 46, 11835-11839.	1.4	3
100	Unifying Molecular Weights of Highly Linear Polyethylene Waxes through Unsymmetrical 2,4-Bis(imino)pyridylchromium Chlorides. Molecules, 2020, 25, 5584.	1.7	2
101	Crystal structure of (E)-(2-((1H-pyrrol-2-yl)methylene)hydrazineyl)(amino)methaniminium nitrate monohydrate, C ₆ H ₁₂ N ₆ O ₄ . Zeitschrift Fur Kristallographie - New Crystal Structures, 2021, 236, 797-798.	0.1	2
102	Crystal structure of (E)-amino(2-(4-(dimethylamino)benzylidene)hydrazineyl)methaniminium nitrate, C ₁₀ H ₁₆ N ₆ O ₃ . Zeitschrift Fur Kristallographie - New Crystal Structures, 2021, 236, 795-796.	0.1	2
103	Crystalline Solids: Tuning the Solid State Emission of the Carbazole and Cyano-Substituted Tetraphenylethylene by Co-Crystallization with Solvents (Small 47/2016). Small, 2016, 12, 6553-6553.	5.2	1
104	Crystal structure of diaqua-bis(2,4-dinitrophenolato- λ^2 -O,O λ^2)copper(II) 1.5 hydrate, C ₁₂ H ₁₃ CuN ₄ O _{13.5} . Zeitschrift Fur Kristallographie - New Crystal Structures, 2021, 236, 851-853.	0.1	0
105	Crystal structure of bis(2-((E)-5-chloro-2-hydroxybenzylidene)hydrazineyl)methaniminium trifluoroacetate dihydrate, C ₃₄ H ₃₆ Cl ₄ N ₁₀ O ₁₂ . Zeitschrift Fur Kristallographie - New Crystal Structures, 2021, 236, 919-922.	0.1	0
106	Crystal structure of (((1E)-1,2-phenylenebis(methaneylylidene))bis(hydrazin-1-yl-2-ylidene))bis(aminomethaniminium) dinitrate C ₁₀ H ₁₆ N ₁₀ O ₆ . Zeitschrift Fur Kristallographie - New Crystal Structures, 2021, .	0.1	0
107	Crystal structure of dichloro-bis-(1-butyl-1H-benzo[d]imidazole)-nickel(II), C ₂₂ H ₂₈ Cl ₂ N ₄ Ni. Zeitschrift Fur Kristallographie - New Crystal Structures, 2020, 235, 911-912.	0.1	0