

Xiaoyan Li

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135
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#	Paper	IF	Citations
130	Synthesis and Reactivity of Silyl Iron, Cobalt, and Nickel Complexes Bearing a [PSiP]-Pincer Ligand via Si-H Bond Activation. <i>Organometallics</i> , 2013 , 32, 3227-3237	3.8	103
129	Activation of sp ³ Carbon-Hydrogen Bonds by Cobalt and Iron Complexes and Subsequent C-C Bond Formation. <i>Organometallics</i> , 2009 , 28, 6090-6095	3.8	56
128	C-H Bond Cleavage and Unexpected C-N Activation by Cobalt Compounds Supported with Phosphine Ligands. <i>Organometallics</i> , 2006 , 25, 4695-4697	3.8	56
127	Synthesis and Catalytic Property of Iron Pincer Complexes Generated by Csp ³ -H Activation. <i>Organometallics</i> , 2014 , 33, 3535-3539	3.8	52
126	Synergistic Effect of a Low-Valent Cobalt Complex and a Trimethylphosphine Ligand on Selective C-H Bond Activation of Perfluorinated Toluene. <i>Organometallics</i> , 2009 , 28, 5771-5776	3.8	51
125	Synthesis and Reactivity of a Hydrido CNC Pincer Cobalt(III) Complex and Its Application in Hydrosilylation of Aldehydes and Ketones. <i>Organometallics</i> , 2015 , 34, 1479-1486	3.8	41
124	A highly selective and sensitive fluorescent sensor for the rapid detection of Hg ²⁺ based on phenylamine-oligothiophene derivative. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016 , 153, 143-6	4.4	39
123	Synthesis and Catalytic Application in Hydrosilylation of the Complex mer-Hydrido(2-mercaptobenzoyl)tris(trimethylphosphine)cobalt(III). <i>Organometallics</i> , 2013 , 32, 5235-5238	3.8	38
122	Heavily σ -Bond-Loaded Tungsten Phosphonioalkylidyne Complexes via a Domino Transylidation Cascade at (Organoimido)tungsten Tetrachlorides. <i>Organometallics</i> , 2002 , 21, 2356-2358	3.8	34
121	Synthesis and Reactivity of N-Heterocyclic PSiP Pincer Iron and Cobalt Complexes and Catalytic Application of Cobalt Hydride in Kumada Coupling Reactions. <i>Organometallics</i> , 2016 , 35, 357-363	3.8	33
120	Synthesis of [POCOP]-pincer iron and cobalt complexes via Csp ³ -H activation and catalytic application of iron hydride in hydrosilylation reactions. <i>RSC Advances</i> , 2015 , 5, 15660-15667	3.7	32
119	Cyclometalation Reactions Involving C-H Bond Activation of ortho-Chlorinated Substrates with Imine as Anchoring Groups by Cobalt Complexes. <i>Organometallics</i> , 2008 , 27, 270-275	3.8	31
118	Synthesis and Catalytic Activity of Iron Hydride Ligated with Bidentate N-Heterocyclic Silylenes for Hydroboration of Carbonyl Compounds. <i>Organometallics</i> , 2019 , 38, 268-277	3.8	31
117	Hydrosilylation of aldehydes and ketones catalyzed by hydrido iron complexes bearing imine ligands. <i>Dalton Transactions</i> , 2014 , 43, 11716-22	4.3	30
116	Selectively catalytic hydrodefluorination of perfluoroarenes by Co(PMe ₃) ₄ with sodium formate as reducing agent and mechanism study. <i>Dalton Transactions</i> , 2013 , 42, 13048-53	4.3	30
115	Selective alkylation and arylation of C-F bond with Grignard reagents. <i>Organic Letters</i> , 2014 , 16, 772-5	6.2	29
114	[CNCN]-pincer nickel(II) complexes of N-heterocyclic carbene (NHC): synthesis and catalysis of the Kumada reaction of unactivated C-Cl bonds. <i>Dalton Transactions</i> , 2014 , 43, 9410-3	4.3	29

113	Imine-assisted C-F bond activation using low-valent cobalt compounds supported by trimethylphosphine ligands and formation of novel organic fluorides. <i>Dalton Transactions</i> , 2010 , 39, 9523-9	4.3	29
112	Acid-Promoted Selective Carbon-Fluorine Bond Activation and Functionalization of Hexafluoropropene by Nickel Complexes Supported with Phosphine Ligands. <i>Organometallics</i> , 2013 , 32, 7122-7132	3.8	28
111	Insertion of Alkynes into Ni-H Bonds: Synthesis of Novel Vinyl Nickel(II) and Dinuclear Vinyl Nickel(II) Complexes Containing a [P, S]-Ligand. <i>Organometallics</i> , 2007 , 26, 566-570	3.8	27
110	Simple synthesis of an allenylidene heptavalent rhenium(d0) complex. <i>Journal of the American Chemical Society</i> , 2004 , 126, 8660-1	16.4	27
109	A new PC(sp ³)P ligand and its coordination chemistry with low-valent iron, cobalt and nickel complexes. <i>Dalton Transactions</i> , 2014 , 43, 8595-8	4.3	26
108	Nickel-catalyzed C-H bond activation and alkylation of polyfluoroaryl imines. <i>Journal of Organometallic Chemistry</i> , 2013 , 723, 36-42	2.3	26
107	Efficient reductive dehydration of primary amides to nitriles catalyzed by hydrido thiophenolato iron(II) complexes under hydrosilation conditions. <i>Catalysis Communications</i> , 2016 , 86, 148-150	3.2	26
106	N ₂ Silylation Catalyzed by a Bis(silylene)-Based [SiCSi] Pincer Hydrido Iron(II) Dinitrogen Complex. <i>Organometallics</i> , 2020 , 39, 757-766	3.8	25
105	Simple Synthesis and Structure Characterization of a Stable Niobium(V) Phosphoniomethylidyne Complex. <i>Organometallics</i> , 2005 , 24, 4699-4701	3.8	24
104	Formation of η -Ketene Rhenium(VII) Complex through the C,C-Coupling Reaction of Phosphonio Methylidyne Complexes with Carbon Monoxide. <i>Organometallics</i> , 2006 , 25, 528-530	3.8	24
103	Selective C-F/C-H bond activation of fluoroarenes by cobalt complex supported with phosphine ligands. <i>Dalton Transactions</i> , 2013 , 42, 5740-8	4.3	22
102	Sonogashira reactions of alkyl halides catalyzed by NHC [CNN] pincer nickel(II) complexes. <i>New Journal of Chemistry</i> , 2018 , 42, 11465-11470	3.6	21
101	Synthesis of Iron Hydrides by Selective C-H/C-H Bond Activation in Fluoroarylimines and Their Applications in Catalytic Reduction Reactions. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 2732-2743	2.3	20
100	Syntheses and catalytic application of hydrido iron(II) complexes with [P,S]-chelating ligands in hydrosilylation of aldehydes and ketones. <i>RSC Advances</i> , 2015 , 5, 52000-52006	3.7	19
99	Synthesis of NHC Pincer Hydrido Nickel Complexes and Their Catalytic Applications in Hydrodehalogenation. <i>Organometallics</i> , 2018 , 37, 539-544	3.8	19
98	Effect of anchoring group and valent of cobalt center on the competitive cleavage of C-H or C-H bond activation. <i>Journal of Organometallic Chemistry</i> , 2010 , 695, 1873-1877	2.3	19
97	Facile Synthesis of Bis(isoindolinone) through Carbonylative Cyclization and Dimerization of Phenylimine with Nickel(0) Complexes. <i>Organometallics</i> , 2008 , 27, 1944-1947	3.8	19
96	Transfer hydrogenation of aldehydes catalyzed by silyl hydrido iron complexes bearing a [PSiP] pincer ligand. <i>RSC Advances</i> , 2018 , 8, 14092-14099	3.7	18

95	Synthesis of silyl iron hydride via Si-H activation and its dual catalytic application in the hydrosilylation of carbonyl compounds and dehydration of benzamides. <i>Dalton Transactions</i> , 2018 , 47, 4352-4359	4.3	18
94	Synthesis and catalytic activity of N-heterocyclic silylene (NHSi) cobalt hydride for Kumada coupling reactions. <i>Dalton Transactions</i> , 2018 , 47, 2581-2588	4.3	18
93	Imine-assisted C-F bond activation by electron-rich iron complexes supported by trimethylphosphine. <i>Dalton Transactions</i> , 2011 , 40, 7866-72	4.3	18
92	Highly selective, sensitive and fast-responsive fluorescent sensor for Hg(2+). <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016 , 163, 45-8	4.4	17
91	Hyrido(acylphenolato)cobalt(III)-Verbindungen mit Trimethylphosphan-Liganden / Hyrido(acylphenolato)cobalt(III) Compounds Containing Trimethylphosphane Ligands. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1998 , 53, 587-598	1	16
90	Selective C \equiv H and C \equiv N Activation of Fluoroarenes by Fe(PMe ₃) ₄ and Catalytic Performance of Iron Hydride in Hydrosilylation of Carbonyl Compounds. <i>Organometallics</i> , 2016 , 35, 3538-3545	3.8	16
89	Nickel(II) complexes of amine functionalized N-heterocyclic carbenes (NHCs), synthesis and catalysis in Kumada coupling of aryl chlorides. <i>Journal of Organometallic Chemistry</i> , 2016 , 820, 41-45	2.3	16
88	Dehydration of primary amides to nitriles catalyzed by [CNC]-pincer hydrido cobalt(III) complexes. <i>Catalysis Communications</i> , 2019 , 120, 72-75	3.2	16
87	Synthesis and catalytic application of [PPP]-pincer iron, nickel and cobalt complexes for the hydrosilylation of aldehydes and ketones. <i>New Journal of Chemistry</i> , 2018 , 42, 16583-16590	3.6	16
86	Imine Nitrogen Bridged Binuclear Nickel Complexes via N \equiv N Bond Activation: Synthesis, Characterization, Unexpected C,N-Coupling Reaction, and Their Catalytic Application in Hydrosilylation of Aldehydes. <i>Organometallics</i> , 2015 , 34, 5175-5182	3.8	15
85	Selective activation of C-F and C-H bonds with iron complexes, the relevant mechanism study by DFT calculations and study on the chemical properties of hydrido iron complex. <i>Dalton Transactions</i> , 2013 , 42, 3417-28	4.3	15
84	Effect of Different Bases and Phosphorus Ylide on the Selective Deprotonation of Phosphorus Ylide Adduct Cp*TaCl ₄ (CH ₂ PPh ₃). <i>Organometallics</i> , 2007 , 26, 3456-3460	3.8	15
83	Hyrido(acylenolato)cobalt(III)-Verbindungen mit Trimethylphosphan- Liganden: Insertionsreaktionen mit Alkinen und die ersten Carbonylcobalt(III)-Komplexe / Hyrido(acylenolato)cobalt(III) Compounds Containing Trimethylphosphane Ligands: Insertion Reactions with Alkynes and the First Carbonylcobalt(III) Complexes. <i>Zeitschrift Fur Naturforschung -</i>	1	14
82	Copper-catalyzed oxidative cross-dehydrogenative coupling of 2H-chromenes and terminal alkynes. <i>Organic and Biomolecular Chemistry</i> , 2018 , 16, 5144-5149	3.9	14
81	Catalytic hydrosilylation of carbonyl compounds by hydrido thiophenolato iron(II) complexes. <i>Catalysis Communications</i> , 2017 , 94, 23-28	3.2	13
80	Activation of CO ₂ , CS ₂ , and Dehydrogenation of Formic Acid Catalyzed by Iron(II) Hydride Complexes. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 5205-5214	2.3	13
79	C-Cl bond activation and catalytic hydrodechlorination of hexachlorobenzene by cobalt and nickel complexes with sodium formate as a reducing agent. <i>Dalton Transactions</i> , 2014 , 43, 6660-6	4.3	13
78	Novel phenyl-oligothiophene derivatives containing acetylenic spacers for thin film materials: Synthesis, photophysical and morphology properties. <i>Dyes and Pigments</i> , 2013 , 97, 184-197	4.6	13

77	C-Cl bond activation of ortho-chlorinated benzamides by nickel and cobalt compounds supported with phosphine ligands. <i>Dalton Transactions</i> , 2012 , 41, 8715-22	4.3	12
76	Synthesis and characterization of stable tripodal silyl iron and nickel complexes. <i>Inorganica Chimica Acta</i> , 2015 , 430, 161-167	2.7	11
75	[CNC]-Pincer Cobalt Hydride Catalyzed Distinct Selective Hydrosilylation of Aryl Alkene and Alkyl Alkene. <i>Organometallics</i> , 2020 , 39, 2455-2463	3.8	11
74	Synthesis and Characterization of Iron, Cobalt, and Nickel [PNP] Pincer Amido Complexes by N ₂ Activation. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015 , 641, 2435-2439	1.3	11
73	Synthesis of Vinylnickel and Nickelcyclopropane Complexes Containing a Chelate [P,Se]-Ligand. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 3139-3145	2.3	11
72	Cobalt induced CH bond activation and C8-arylation of caffeine with aryl bromides. <i>Inorganic Chemistry Communication</i> , 2013 , 30, 139-142	3.1	11
71	Novel planar and star-shaped molecules: synthesis, electrochemical and photophysical properties. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013 , 107, 377-85	4.4	11
70	Palladium-catalyzed hydrodechlorination of aryl chlorides and its mechanism. <i>Inorganica Chimica Acta</i> , 2011 , 365, 133-136	2.7	11
69	Transfer hydrogenation of ketones catalyzed by nickel complexes bearing an NHC [CNN] pincer ligand. <i>Applied Organometallic Chemistry</i> , 2019 , 33, e4932	3.1	10
68	An Air-Stable N-Heterocyclic [PSiP] Pincer Iron Hydride and an Analogous Nitrogen Iron Hydride: Synthesis and Catalytic Dehydration of Primary Amides to Nitriles. <i>Organometallics</i> , 2020 , 39, 824-833	3.8	10
67	Lewis acid promoted dehydration of amides to nitriles catalyzed by [PSiP]-pincer iron hydrides. <i>Applied Organometallic Chemistry</i> , 2020 , 34, e5466	3.1	10
66	Cobalt-catalyzed Selective C-F Bond Activation and Alkylation of Polyfluoroaryl Imines. <i>Chinese Journal of Chemistry</i> , 2013 , 31, 927-932	4.9	10
65	Synthesis of new thiophenolato hydrido iron(II) complexes and their substitution reactions with alkynes. <i>Polyhedron</i> , 2009 , 28, 3823-3827	2.7	10
64	Unsaturated Carbonyl Compounds as Hard/Soft Chelating Ligands in Methyl Nickel Phenolates and the Structure of trans-Methyl-2-(3-phenyl-2,3-propenyl)phenolatobis(trimethylphosphine)nickel(II). <i>Organometallics</i> , 2005 , 24, 4347-4350	3.8	10
63	Formation and Crystal Structure of Stable Five-coordinate Diorgano Cobalt(III) Complexes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005 , 631, 1929-1931	1.3	10
62	A Fast-Responsive Fluorescent Sensor for Hg(2+) with High Selectivity and Sensitivity in Aqueous Media. <i>Journal of Fluorescence</i> , 2015 , 25, 1543-8	2.4	9
61	Synthesis and characterization of novel organonickel and organocobalt complexes via carbon-chlorine bond activation. <i>Journal of Organometallic Chemistry</i> , 2013 , 743, 114-122	2.3	9
60	Formation of PCP pincer cobalt complexes with cobaltcyclopropane moieties via double Csp ³ -H bond activation. <i>RSC Advances</i> , 2015 , 5, 19402-19408	3.7	9

- 59 Synthesis of 2-Mercaptobenzaldehyde, 2-Mercaptocyclohex-1-enecarboxaldehydes and 3-Mercaptoacrylaldehydes. *Chinese Journal of Chemistry*, **2012**, 30, 2495-2500 4.9 9
- 58 The Effect of Substituents on the Formation of Silyl [PSiP] Pincer Cobalt(I) Complexes and Catalytic Application in Both Nitrogen Silylation and Alkene Hydrosilylation. *Inorganic Chemistry*, **2020**, 59, 16489-16499 5.1 9
- 57 Computational rationalization of the selective C-H and C-F activations of fluoroaromatic imines and ketones by cobalt complexes. *Organic and Biomolecular Chemistry*, **2014**, 12, 1897-907 3.9 8
- 56 Reaction of acyl(hydrido)cobalt(III) complexes with (2-diphenylphosphanyl)thiophenol and the influence of chelating ligands containing hard/soft donor atoms on the stability of cobalt complexes. *Polyhedron*, **2008**, 27, 854-860 2.7 8
- 55 Efficient transfer hydrogenation of carbonyl compounds catalyzed by selenophenolato hydrido iron(II) complexes. *Catalysis Communications*, **2019**, 124, 32-35 3.2 7
- 54 Activation of vinylic carbon-chlorine bond by nickel complexes supported with phosphine ligands. *Inorganica Chimica Acta*, **2015**, 426, 165-170 2.7 7
- 53 The selective activation of a C-F bond with an auxiliary strong Lewis acid: a method to change the activation preference of C-F and C-H bonds. *Dalton Transactions*, **2016**, 45, 18133-18141 4.3 7
- 52 Selective C-H bond activation of 1,2,4,5-tetrafluorobenzene by Co(PMe₃)₄. *Inorganica Chimica Acta*, **2014**, 416, 222-225 2.7 7
- 51 Reactions of Trimethylphosphane-Supported Cobalt Complexes with Salicylaldimines: Formation and Structures of Cobalt Compounds Containing Salicylaldiminato [N:O] Ligands. *European Journal of Inorganic Chemistry*, **2006**, 2006, 4362-4367 2.3 7
- 50 Reaction of Acyl(hydrido)cobalt(III) Complexes with (2-Diphenylphosphanyl)phenol and Influence of Chelating Ligands Containing Hard/Soft Donor Atoms on the Stability of Cobalt Complexes. *Organometallics*, **2005**, 24, 2612-2616 3.8 7
- 49 Reaction of 2-nitrophenols with high-valent trimethylphosphine complexes of cobalt. *Inorganica Chimica Acta*, **2003**, 342, 179-184 2.7 7
- 48 Oxidation-reduction exchange of 2-acylenolato and trimethylphosphane ligands between d₆ and d₈ complexes of nickel and cobalt. *Inorganica Chimica Acta*, **2000**, 298, 63-69 2.7 7
- 47 Synthesis and Properties of Nickel(II) Complexes Containing Trimethylphosphine and Thiophenolato-Ligands. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2007**, 633, 2305-2309 1.3 6
- 46 Halogeno(acylphenolato)cobalt(III)-Verbindungen mit Trimethylphosphan-Liganden/ Halogeno(acylphenolato)cobalt(III) Compounds Containing Trimethylphosphane Ligands. *Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences*, **1998**, 53, 856-864 1 6
- 45 Selectivity Reverse of Hydrosilylation of Aryl Alkenes Realized by Pyridine N-Oxide with [PSiP] Pincer Cobalt(III) Hydride as Catalyst. *Inorganic Chemistry*, **2021**, 60, 4551-4562 5.1 6
- 44 Syntheses of hydrido selenophenolato iron(II) complexes and their catalytic application in hydrosilylation of aldehydes and ketones. *Catalysis Communications*, **2018**, 115, 1-5 3.2 6
- 43 Synthesis of a Silyl Cobalt Hydride and Its Catalytic Performance in Kumada Coupling Reactions. *Chemistry - an Asian Journal*, **2017**, 12, 1234-1239 4.5 5
- 42 Synthesis of fluorophenyl carbonyl cobalt(I) complexes and decarbonylation of 2,4,5-trifluorobenzaldehyde catalyzed by CoMe(PMe₃)₄. *Inorganica Chimica Acta*, **2016**, 439, 100-105 2.7 5

41	Preparation of hydrido [CNC]-pincer cobalt complexes via selective C _H /C _H bond activation and their catalytic performances. <i>New Journal of Chemistry</i> , 2018 , 42, 15578-15586	3.6	5
40	Reactivity of mer-hydrido(2-mercaptobenzoyl)tris(trimethylphosphine)cobalt(III) complex. <i>Dalton Transactions</i> , 2014 , 43, 4059-66	4.3	5
39	N _H bond activation of 2-aminobenzophenone by trimethylphosphine complexes of nickel and cobalt. <i>Polyhedron</i> , 2013 , 50, 571-575	2.7	5
38	Synthesis of Dinuclear Cobalt Complexes Containing Trimethylphosphine and Thiophenolato Ligands. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2011 , 637, 430-435	1.3	5
37	Carbonylative formation of N-acetyl-2,6-difluorobenzamide through N _H bond activation of 2,6-difluorobenzamide with Ni(II) complex supported with phosphine ligands. <i>Journal of Organometallic Chemistry</i> , 2011 , 696, 2815-2819	2.3	5
36	Efficient dehydration of primary amides to nitriles catalyzed by phosphorus-chalcogen chelated iron hydrides. <i>Applied Organometallic Chemistry</i> , 2020 , 34, e5337	3.1	5
35	Formation of 2-Azaallyl Cobalt(I) Complexes by Csp ³ H Bond Activation. <i>Organometallics</i> , 2017 , 36, 975-988	3.8	4
34	Vinyl/Phenyl Exchange Reaction within Vinyl Nickel Complexes Bearing Chelate [P, S]-Ligands. <i>Organometallics</i> , 2017 , 36, 4246-4255	3.8	4
33	Theoretical study on the mechanism of selective C _H bond activation of perfluorinated toluene promoted by Co(PMe ₃) ₄ . <i>Computational and Theoretical Chemistry</i> , 2013 , 1018, 115-119	2	4
32	Simple Synthesis of (Triphenylphosphoniomethylidene)(pentamethylcyclopentadienyl)titanium(II) Dichloride and Its Unexpected Reduction To Form a Trinuclear Titanium Cluster. <i>Organometallics</i> , 2009 , 28, 5285-5288	3.8	4
31	[P,C]-Chelate Cobalt(III) Hydride Catalyzed Hydrosilylation of Alkenes. <i>Organometallics</i> , 2021 , 40, 2836-2843	3.43	4
30	Pyridine N-oxide promoted hydrosilylation of carbonyl compounds catalyzed by [PSiP]-pincer iron hydrides. <i>Dalton Transactions</i> , 2020 , 49, 9349-9354	4.3	3
29	Synthesis of novel organonickel(II) complexes with thiosalicylaldehyde as a chelate ligand. <i>Inorganica Chimica Acta</i> , 2014 , 419, 7-10	2.7	3
28	Synthesis, photophysical and thin-film self-assembly properties of novel fluorescent molecules with carbon-carbon triple bonds. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014 , 133, 229-40	4.4	3
27	Synthesis and reactivity of silyl iron hydride via Si H bond activation. <i>Inorganica Chimica Acta</i> , 2017 , 455, 112-117	2.7	3
26	Reaction of the Acyl(hydrido)cobalt(III) Complex with 2-Propyn-1-ol. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2007 , 633, 2310-2313	1.3	3
25	Unexpected Formation of a π -Coordinate Schiff Base Cobalt(0) Complex. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2006 , 632, 501-504	1.3	3
24	Synthesis of dimethylcobalt(III) complexes containing trimethylphosphine and 2-formyl-phenolato- or 2-formyl-enolato(O:O) ligands. <i>Inorganica Chimica Acta</i> , 2005 , 358, 3329-3333	2.7	3

23	Catalytic Effect of Iron Hydrides on Dehydration of Primary Amides to Nitriles. <i>Chinese Journal of Organic Chemistry</i> , 2019 , 39, 2941	3	3
22	Progress in the preparation and characterization of silylene iron, cobalt and nickel complexes. <i>Dalton Transactions</i> , 2021 , 50, 6766-6772	4.3	3
21	Solvent-Free Hydrosilylation of Alkenes Catalyzed by Well-Defined Low-Valent Cobalt Catalysts. <i>Organometallics</i> , 2021 , 40, 286-293	3.8	3
20	Preparation of organocobalt complexes through C \equiv C \equiv bond activation of polyfluoroaryl imines. <i>Inorganic Chemistry Communication</i> , 2014 , 43, 110-113	3.1	2
19	Effect of End-capping Functional Groups on the Optoelectronic Properties of Oligothiophene Derivatives. <i>Chinese Journal of Chemistry</i> , 2012 , 30, 2401-2410	4.9	2
18	Novel stable five-coordinate diorgano cobalt(III) complexes: Formation, structure, and reaction with carbon monoxide. <i>Inorganica Chimica Acta</i> , 2006 , 359, 3117-3122	2.7	2
17	Synthesis and Structure of Novel Dimethylcobalt(III) Complexes Containing Trimethylphosphine and Salicylaldehyde(N:O) Ligands. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005 , 631, 3096-3099	1.3	2
16	[P, C] Chelate Cobalt(I)-Catalyzed Distinct Selective Hydrosilylation of Alkenes under Mild Conditions. <i>Organometallics</i> , 2022 , 41, 698-705	3.8	2
15	Reactions of iron(II) hydrides formed by selective C-F/C-H bond activation in fluoroaryl-imines. <i>Inorganica Chimica Acta</i> , 2017 , 461, 64-70	2.7	1
14	Introduction of (2-CF ₃)Phenyl Group via Nickel-catalyzed C \equiv I Bond Activation and Arylation. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015 , 641, 838-841	1.3	1
13	Phosphine-assisted C \equiv I bond activation in Schiff bases and formation of novel organo cobalt complexes bearing Schiff base ligands. <i>New Journal of Chemistry</i> , 2018 , 42, 4646-4652	3.6	1
12	Syntheses and properties of 2-azaallyl Iron(I) complexes via Csp ³ -H bond activation. <i>Journal of Organometallic Chemistry</i> , 2018 , 868, 61-65	2.3	1
11	Synthesis and characterization of bisilyl cobalt and iron hydrides bearing disilazane ligands via Si-H bond activation. <i>Inorganica Chimica Acta</i> , 2018 , 471, 99-103	2.7	1
10	Synthesis and Characterization of Diorganocobalt Chlorides by Aliphatic Vinylic C \equiv I Bond Activation. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2016 , 642, 866-869	1.3	1
9	Synthesis and reactivity of iron hydride with [P, Se]-chelate ligand. <i>Journal of Organometallic Chemistry</i> , 2017 , 853, 107-112	2.3	1
8	Synthesis of Dinuclear Nickel Complexes from Dimethyltris(trimethylphosphine)nickel(II) via N \equiv I Bond Activation. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015 , 641, 669-672	1.3	1
7	Synthesis of silyl iron dinitrogen complexes for activation of dihydrogen and catalytic silylation of dinitrogen. <i>Dalton Transactions</i> , 2021 , 50, 17594-17602	4.3	1
6	Nickel-Catalyzed Sonogashira Coupling Reactions of Nonactivated Alkyl Chlorides under Mild Conditions. <i>Organometallics</i> , 2021 , 40, 2240-2245	3.8	1

- 5 Synthesis and properties of [PCP] pincer silylene cobalt(I) complexes. *New Journal of Chemistry*, 3.6 1
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