

# Xiaoyan Li

## 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.

130  
papers

1,826  
citations

25  
h-index

33  
g-index

135  
ext. papers

2,023  
ext. citations

3.3  
avg, IF

4.92  
L-index

#	Paper	IF	Citations
130	[P, C] Chelate Cobalt(I)-Catalyzed Distinct Selective Hydrosilylation of Alkenes under Mild Conditions. <i>Organometallics</i> , <b>2022</b> , 41, 698-705	3.8	2
129	Synthesis of silyl iron dinitrogen complexes for activation of dihydrogen and catalytic silylation of dinitrogen. <i>Dalton Transactions</i> , <b>2021</b> , 50, 17594-17602	4.3	1
128	Nickel-Catalyzed Sonogashira Coupling Reactions of Nonactivated Alkyl Chlorides under Mild Conditions. <i>Organometallics</i> , <b>2021</b> , 40, 2240-2245	3.8	1
127	Selectivity Reverse of Hydrosilylation of Aryl Alkenes Realized by Pyridine N-Oxide with [PSiP] Pincer Cobalt(III) Hydride as Catalyst. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 4551-4562	5.1	6
126	Synthesis and catalytic activity of N-heterocyclic silylene (NHSi) iron (II) hydride for hydrosilylation of aldehydes and ketones. <i>Applied Organometallic Chemistry</i> , <b>2021</b> , 35, e6286	3.1	0
125	Progress in the preparation and characterization of silylene iron, cobalt and nickel complexes. <i>Dalton Transactions</i> , <b>2021</b> , 50, 6766-6772	4.3	3
124	[P,C]-Chelate Cobalt(III) Hydride Catalyzed Hydrosilylation of Alkenes. <i>Organometallics</i> , <b>2021</b> , 40, 2836-2843	3.8	4
123	Solvent-Free Hydrosilylation of Alkenes Catalyzed by Well-Defined Low-Valent Cobalt Catalysts. <i>Organometallics</i> , <b>2021</b> , 40, 286-293	3.8	3
122	[CNC]-Pincer Cobalt Hydride Catalyzed Distinct Selective Hydrosilylation of Aryl Alkene and Alkyl Alkene. <i>Organometallics</i> , <b>2020</b> , 39, 2455-2463	3.8	11
121	Pyridine N-oxide promoted hydrosilylation of carbonyl compounds catalyzed by [PSiP]-pincer iron hydrides. <i>Dalton Transactions</i> , <b>2020</b> , 49, 9349-9354	4.3	3
120	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> , <b>2020</b> , 39, 824-833	3.8	10
119	N <sub>2</sub> Silylation Catalyzed by a Bis(silylene)-Based [SiCSi] Pincer Hydrido Iron(II) Dinitrogen Complex. <i>Organometallics</i> , <b>2020</b> , 39, 757-766	3.8	25
118	E-Selective Hydrothiolation of Terminal Aryllallenes with Arylthiols Catalyzed by Ni (PMe <sub>3</sub> ) <sub>4</sub> . <i>Applied Organometallic Chemistry</i> , <b>2020</b> , 34, e5291	3.1	
117	Lewis acid promoted dehydration of amides to nitriles catalyzed by [PSiP]-pincer iron hydrides. <i>Applied Organometallic Chemistry</i> , <b>2020</b> , 34, e5466	3.1	10
116	Efficient dehydration of primary amides to nitriles catalyzed by phosphorus-chalcogen chelated iron hydrides. <i>Applied Organometallic Chemistry</i> , <b>2020</b> , 34, e5337	3.1	5
115	The Effect of Substituents on the Formation of Silyl [PSiP] Pincer Cobalt(I) Complexes and Catalytic Application in Both Nitrogen Silylation and Alkene Hydrosilylation. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 16489-16499	5.1	9
114	Transfer hydrogenation of ketones catalyzed by nickel complexes bearing an NHC [CNN] pincer ligand. <i>Applied Organometallic Chemistry</i> , <b>2019</b> , 33, e4932	3.1	10

113	Efficient transfer hydrogenation of carbonyl compounds catalyzed by selenophenolato hydrido iron(II) complexes. <i>Catalysis Communications</i> , <b>2019</b> , 124, 32-35	3.2	7
112	Catalytic Effect of Iron Hydrides on Dehydration of Primary Amides to Nitriles. <i>Chinese Journal of Organic Chemistry</i> , <b>2019</b> , 39, 2941	3	3
111	Dehydration of primary amides to nitriles catalyzed by [CNC]-pincer hydrido cobalt(III) complexes. <i>Catalysis Communications</i> , <b>2019</b> , 120, 72-75	3.2	16
110	Synthesis and Catalytic Activity of Iron Hydride Ligated with Bidentate N-Heterocyclic Silylenes for Hydroboration of Carbonyl Compounds. <i>Organometallics</i> , <b>2019</b> , 38, 268-277	3.8	31
109	Transfer hydrogenation of aldehydes catalyzed by silyl hydrido iron complexes bearing a [PSiP] pincer ligand.. <i>RSC Advances</i> , <b>2018</b> , 8, 14092-14099	3.7	18
108	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> , <b>2018</b> , 47, 4352-4359	4.3	18
107	Synthesis and catalytic activity of N-heterocyclic silylene (NHSi) cobalt hydride for Kumada coupling reactions. <i>Dalton Transactions</i> , <b>2018</b> , 47, 2581-2588	4.3	18
106	Synthesis of NHC Pincer Hydrido Nickel Complexes and Their Catalytic Applications in Hydrodehalogenation. <i>Organometallics</i> , <b>2018</b> , 37, 539-544	3.8	19
105	Phosphine-assisted C <sub>H</sub> bond activation in Schiff bases and formation of novel organo cobalt complexes bearing Schiff base ligands. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 4646-4652	3.6	1
104	Syntheses and properties of 2-azaallyl Iron(I) complexes via Csp <sup>3</sup> -H bond activation. <i>Journal of Organometallic Chemistry</i> , <b>2018</b> , 868, 61-65	2.3	1
103	Synthesis and characterization of bis-silyl cobalt and iron hydrides bearing disilazane ligands via Si-H bond activation. <i>Inorganica Chimica Acta</i> , <b>2018</b> , 471, 99-103	2.7	1
102	Preparation of hydrido [CNC]-pincer cobalt complexes via selective C <sub>H</sub> /C <sub>H</sub> bond activation and their catalytic performances. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 15578-15586	3.6	5
101	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> , <b>2018</b> , 42, 16583-16590	3.6	16
100	Sonogashira reactions of alkyl halides catalyzed by NHC [CNN] pincer nickel(II) complexes. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 11465-11470	3.6	21
99	Syntheses of hydrido selenophenolato iron(II) complexes and their catalytic application in hydrosilylation of aldehydes and ketones. <i>Catalysis Communications</i> , <b>2018</b> , 115, 1-5	3.2	6
98	Copper-catalyzed oxidative cross-dehydrogenative coupling of 2H-chromenes and terminal alkynes. <i>Organic and Biomolecular Chemistry</i> , <b>2018</b> , 16, 5144-5149	3.9	14
97	Reactions of iron(II) hydrides formed by selective CF/CH bond activation in fluoroaryl-imines. <i>Inorganica Chimica Acta</i> , <b>2017</b> , 461, 64-70	2.7	1
96	Formation of 2-Azaallyl Cobalt(I) Complexes by Csp <sup>3</sup> -H Bond Activation. <i>Organometallics</i> , <b>2017</b> , 36, 975-988	3.8	4

95	Catalytic hydrosilylation of carbonyl compounds by hydrido thiophenolato iron(II) complexes. <i>Catalysis Communications</i> , <b>2017</b> , 94, 23-28	3.2	13
94	Synthesis and Structure of Low-valent $\pi$ -Cinnamaldehyde Cobalt Complexes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2017</b> , 643, 712-716	1.3	
93	Synthesis of a Silyl Cobalt Hydride and Its Catalytic Performance in Kumada Coupling Reactions. <i>Chemistry - an Asian Journal</i> , <b>2017</b> , 12, 1234-1239	4.5	5
92	Vinyl/Phenyl Exchange Reaction within Vinyl Nickel Complexes Bearing Chelate [P, S]-Ligands. <i>Organometallics</i> , <b>2017</b> , 36, 4246-4255	3.8	4
91	Synthesis and reactivity of iron hydride with [P, Se]-chelate ligand. <i>Journal of Organometallic Chemistry</i> , <b>2017</b> , 853, 107-112	2.3	1
90	Synthesis and reactivity of silyl iron hydride via Si H bond activation. <i>Inorganica Chimica Acta</i> , <b>2017</b> , 455, 112-117	2.7	3
89	A highly selective and sensitive fluorescent sensor for the rapid detection of Hg <sup>2+</sup> based on phenylamine-oligothiophene derivative. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2016</b> , 153, 143-6	4.4	39
88	Activation of CO <sub>2</sub> , CS <sub>2</sub> , and Dehydrogenation of Formic Acid Catalyzed by Iron(II) Hydride Complexes. <i>European Journal of Inorganic Chemistry</i> , <b>2016</b> , 2016, 5205-5214	2.3	13
87	Synthesis and Characterization of Diorganocobalt Chlorides by Aliphatic Vinylic C=C Bond Activation. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2016</b> , 642, 866-869	1.3	1
86	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. <i>Dalton Transactions</i> , <b>2016</b> , 45, 18133-18141	4.3	7
85	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> , <b>2016</b> , 35, 357-363	3.8	33
84	Synthesis of fluorophenyl carbonyl cobalt(I) complexes and decarbonylation of 2,4,5-trifluorobenzaldehyde catalyzed by CoMe(PMe <sub>3</sub> ) <sub>4</sub> . <i>Inorganica Chimica Acta</i> , <b>2016</b> , 439, 100-105	2.7	5
83	Highly selective, sensitive and fast-responsive fluorescent sensor for Hg(2+). <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2016</b> , 163, 45-8	4.4	17
82	Efficient reductive dehydration of primary amides to nitriles catalyzed by hydrido thiophenolato iron(II) complexes under hydrosilation conditions. <i>Catalysis Communications</i> , <b>2016</b> , 86, 148-150	3.2	26
81	Selective C=C and C=C Activation of Fluoroarenes by Fe(PMe <sub>3</sub> ) <sub>4</sub> and Catalytic Performance of Iron Hydride in Hydrosilylation of Carbonyl Compounds. <i>Organometallics</i> , <b>2016</b> , 35, 3538-3545	3.8	16
80	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> , <b>2016</b> , 820, 41-45	2.3	16
79	Syntheses and catalytic application of hydrido iron(II) complexes with [P,S]-chelating ligands in hydrosilylation of aldehydes and ketones. <i>RSC Advances</i> , <b>2015</b> , 5, 52000-52006	3.7	19
78	Synthesis and characterization of stable tripodal silyl iron and nickel complexes. <i>Inorganica Chimica Acta</i> , <b>2015</b> , 430, 161-167	2.7	11

77	Synthesis and Reactivity of a Hydrido CNC Pincer Cobalt(III) Complex and Its Application in Hydrosilylation of Aldehydes and Ketones. <i>Organometallics</i> , <b>2015</b> , 34, 1479-1486	3.8	41
76	A Fast-Responsive Fluorescent Sensor for Hg(2+) with High Selectivity and Sensitivity in Aqueous Media. <i>Journal of Fluorescence</i> , <b>2015</b> , 25, 1543-8	2.4	9
75	Introduction of (2-CF <sub>3</sub> )Phenyl Group via Nickel-catalyzed C-Cl Bond Activation and Arylation. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2015</b> , 641, 838-841	1.3	1
74	Imine Nitrogen Bridged Binuclear Nickel Complexes via N-H Bond Activation: Synthesis, Characterization, Unexpected C,N-Coupling Reaction, and Their Catalytic Application in Hydrosilylation of Aldehydes. <i>Organometallics</i> , <b>2015</b> , 34, 5175-5182	3.8	15
73	Activation of vinylic carbon-chlorine bond by nickel complexes supported with phosphine ligands. <i>Inorganica Chimica Acta</i> , <b>2015</b> , 426, 165-170	2.7	7
72	Synthesis and Characterization of Iron, Cobalt, and Nickel [PNP] Pincer Amido Complexes by N-H Bond Activation. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2015</b> , 641, 2435-2439	1.3	11
71	Synthesis of Dinuclear Nickel Complexes from Dimethyltris(trimethylphosphine)nickel(II) via N-H Bond Activation. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2015</b> , 641, 669-672	1.3	1
70	Synthesis of Vinylnickel and Nickelcyclopropane Complexes Containing a Chelate [P,Se]-Ligand. <i>European Journal of Inorganic Chemistry</i> , <b>2015</b> , 2015, 3139-3145	2.3	11
69	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> , <b>2015</b> , 2015, 2732-2743	2.3	20
68	Synthesis of [POCOP]-pincer iron and cobalt complexes via Csp <sup>3</sup> -H activation and catalytic application of iron hydride in hydrosilylation reactions. <i>RSC Advances</i> , <b>2015</b> , 5, 15660-15667	3.7	32
67	Formation of PCP pincer cobalt complexes with cobaltcyclopropane moieties via double Csp <sup>3</sup> -H bond activation. <i>RSC Advances</i> , <b>2015</b> , 5, 19402-19408	3.7	9
66	Selective alkylation and arylation of C-F bond with Grignard reagents. <i>Organic Letters</i> , <b>2014</b> , 16, 772-5	6.2	29
65	A new PC(sp <sup>3</sup> )P ligand and its coordination chemistry with low-valent iron, cobalt and nickel complexes. <i>Dalton Transactions</i> , <b>2014</b> , 43, 8595-8	4.3	26
64	[CNN]-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> , <b>2014</b> , 43, 9410-3	4.3	29
63	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> , <b>2014</b> , 43, 6660-6	4.3	13
62	Hydrosilylation of aldehydes and ketones catalyzed by hydrido iron complexes bearing imine ligands. <i>Dalton Transactions</i> , <b>2014</b> , 43, 11716-22	4.3	30
61	Reactivity of mer-hydrido(2-mercaptobenzoyl)tris(trimethylphosphine)cobalt(III) complex. <i>Dalton Transactions</i> , <b>2014</b> , 43, 4059-66	4.3	5
60	Synthesis and Catalytic Property of Iron Pincer Complexes Generated by Csp <sup>3</sup> -H Activation. <i>Organometallics</i> , <b>2014</b> , 33, 3535-3539	3.8	52

59	Computational rationalization of the selective C-H and C-F activations of fluoroaromatic imines and ketones by cobalt complexes. <i>Organic and Biomolecular Chemistry</i> , <b>2014</b> , 12, 1897-907	3.9	8
58	Preparation of organocobalt complexes through C $\equiv$ N/C $\equiv$ N bond activation of polyfluoroaryl imines. <i>Inorganic Chemistry Communication</i> , <b>2014</b> , 43, 110-113	3.1	2
57	Synthesis of novel organonickel(II) complexes with thiosalicylaldehyde as a chelate ligand. <i>Inorganica Chimica Acta</i> , <b>2014</b> , 419, 7-10	2.7	3
56	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> , <b>2014</b> , 133, 229-40	4.4	3
55	Selective C $\equiv$ N bond activation of 1,2,4,5-tetrafluorobenzene by Co(PMe <sub>3</sub> ) <sub>4</sub> . <i>Inorganica Chimica Acta</i> , <b>2014</b> , 416, 222-225	2.7	7
54	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> , <b>2013</b> , 42, 3417-28	4.3	15
53	Selectively catalytic hydrodefluorination of perfluoroarenes by Co(PMe <sub>3</sub> ) <sub>4</sub> with sodium formate as reducing agent and mechanism study. <i>Dalton Transactions</i> , <b>2013</b> , 42, 13048-53	4.3	30
52	Synthesis and characterization of novel organonickel and organocobalt complexes via carbon-chlorine bond activation. <i>Journal of Organometallic Chemistry</i> , <b>2013</b> , 743, 114-122	2.3	9
51	Acid-Promoted Selective Carbon-Chlorine Bond Activation and Functionalization of Hexafluoropropene by Nickel Complexes Supported with Phosphine Ligands. <i>Organometallics</i> , <b>2013</b> , 32, 7122-7132	3.8	28
50	Synthesis and Catalytic Application in Hydrosilylation of the Complex mer-Hydrido(2-mercaptobenzoyl)tris(trimethylphosphine)cobalt(III). <i>Organometallics</i> , <b>2013</b> , 32, 5235-5238	3.8	38
49	Theoretical study on the mechanism of selective C $\equiv$ N bond activation of perfluorinated toluene promoted by Co(PMe <sub>3</sub> ) <sub>4</sub> . <i>Computational and Theoretical Chemistry</i> , <b>2013</b> , 1018, 115-119	2	4
48	N $\equiv$ N bond activation of 2-aminobenzophenone by trimethylphosphine complexes of nickel and cobalt. <i>Polyhedron</i> , <b>2013</b> , 50, 571-575	2.7	5
47	Selective C-F/C-H bond activation of fluoroarenes by cobalt complex supported with phosphine ligands. <i>Dalton Transactions</i> , <b>2013</b> , 42, 5740-8	4.3	22
46	Cobalt induced CH bond activation and C8-arylation of caffeine with aryl bromides. <i>Inorganic Chemistry Communication</i> , <b>2013</b> , 30, 139-142	3.1	11
45	Novel planar and star-shaped molecules: synthesis, electrochemical and photophysical properties. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2013</b> , 107, 377-85	4.4	11
44	Synthesis and Reactivity of Silyl Iron, Cobalt, and Nickel Complexes Bearing a [PSIP]-Pincer Ligand via Si $\equiv$ N Bond Activation. <i>Organometallics</i> , <b>2013</b> , 32, 3227-3237	3.8	103
43	Novel phenyl-oligothiophene derivatives containing acetylenic spacers for thin film materials: Synthesis, photophysical and morphology properties. <i>Dyes and Pigments</i> , <b>2013</b> , 97, 184-197	4.6	13
42	Nickel-catalyzed C $\equiv$ N bond activation and alkylation of polyfluoroaryl imines. <i>Journal of Organometallic Chemistry</i> , <b>2013</b> , 723, 36-42	2.3	26

41	Cobalt-catalyzed Selective C-F Bond Activation and Alkylation of Polyfluoroaryl Imines. <i>Chinese Journal of Chemistry</i> , <b>2013</b> , 31, 927-932	4.9	10
40	Effect of End-capping Functional Groups on the Optoelectronic Properties of Oligothiophene Derivatives. <i>Chinese Journal of Chemistry</i> , <b>2012</b> , 30, 2401-2410	4.9	2
39	Synthesis of 2-Mercaptobenzaldehyde, 2-Mercaptocyclohex-1-enecarboxaldehydes and 3-Mercaptoacrylaldehydes. <i>Chinese Journal of Chemistry</i> , <b>2012</b> , 30, 2495-2500	4.9	9
38	C-Cl bond activation of ortho-chlorinated benzamides by nickel and cobalt compounds supported with phosphine ligands. <i>Dalton Transactions</i> , <b>2012</b> , 41, 8715-22	4.3	12
37	Palladium-catalyzed hydrodechlorination of ary chlorides and its mechanism. <i>Inorganica Chimica Acta</i> , <b>2011</b> , 365, 133-136	2.7	11
36	Synthesis of Dinuclear Cobalt Complexes Containing Trimethylphosphine and Thiophenolato Ligands. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2011</b> , 637, 430-435	1.3	5
35	Imine-assisted C-F bond activation by electron-rich iron complexes supported by trimethylphosphine. <i>Dalton Transactions</i> , <b>2011</b> , 40, 7866-72	4.3	18
34	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> , <b>2011</b> , 696, 2815-2819	2.3	5
33	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> , <b>2010</b> , 39, 9523-9	4.3	29
32	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> , <b>2010</b> , 695, 1873-1877	2.3	19
31	Synthesis of new thiophenolato hydrido iron(II) complexes and their substitution reactions with alkynes. <i>Polyhedron</i> , <b>2009</b> , 28, 3823-3827	2.7	10
30	Activation of sp <sup>3</sup> Carbon-Hydrogen Bonds by Cobalt and Iron Complexes and Subsequent C-H Bond Formation. <i>Organometallics</i> , <b>2009</b> , 28, 6090-6095	3.8	56
29	Synergistic Effect of a Low-Valent Cobalt Complex and a Trimethylphosphine Ligand on Selective C-H Bond Activation of Perfluorinated Toluene. <i>Organometallics</i> , <b>2009</b> , 28, 5771-5776	3.8	51
28	Simple Synthesis of (Triphenylphosphoniomethylidene)(pentamethylcyclopentadienyl)titanium(II) Dichloride and Its Unexpected Reduction To Form a Trinuclear Titanium Cluster. <i>Organometallics</i> , <b>2009</b> , 28, 5285-5288	3.8	4
27	Facile Synthesis of Bis(isoindolinone) through Carbonylative Cyclization and Dimerization of Phenylimine with Nickel(0) Complexes. <i>Organometallics</i> , <b>2008</b> , 27, 1944-1947	3.8	19
26	Cyclometalation Reactions Involving C-H Bond Activation of ortho-Chlorinated Substrates with Imine as Anchoring Groups by Cobalt Complexes. <i>Organometallics</i> , <b>2008</b> , 27, 270-275	3.8	31
25	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. <i>Polyhedron</i> , <b>2008</b> , 27, 854-860	2.7	8
24	Effect of Different Bases and Phosphorus Ylide on the Selective Deprotonation of Phosphorus Ylide Adduct Cp*TaCl <sub>4</sub> (CH <sub>2</sub> PPh <sub>3</sub> ). <i>Organometallics</i> , <b>2007</b> , 26, 3456-3460	3.8	15

23	Insertion of Alkynes into Ni $\pi$ Bonds: Synthesis of Novel Vinyl Nickel(II) and Dinuclear Vinyl Nickel(II) Complexes Containing a [P, S]-Ligand. <i>Organometallics</i> , <b>2007</b> , 26, 566-570	3.8	27
22	(2-Formyl-4-phenylcyclohexen-1-olato)-cis-dimethyl-trans-bis(trimethylphosphine)cobalt(III). <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2007</b> , 63, m2590-m2590		
21	Synthesis and Properties of Nickel(II) Complexes Containing Trimethylphosphine and Thiophenolato-Ligands. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2007</b> , 633, 2305-2309	1.3	6
20	Reaction of the Acyl(hydrido)cobalt(III) Complex with 2-Propyn-1-ol. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2007</b> , 633, 2310-2313	1.3	3
19	Reactions of Trimethylphosphane-Supported Cobalt Complexes with Salicylaldimines: Formation and Structures of Cobalt Compounds Containing Salicylaldiminato [N:O] Ligands. <i>European Journal of Inorganic Chemistry</i> , <b>2006</b> , 2006, 4362-4367	2.3	7
18	C $\pi$ Bond Cleavage and Unexpected C $\pi$ N Activation by Cobalt Compounds Supported with Phosphine Ligands. <i>Organometallics</i> , <b>2006</b> , 25, 4695-4697	3.8	56
17	Formation of $\eta^2$ -Ketene Rhenium(VII) Complex through the C,C-Coupling Reaction of Phosponio Methylidyne Complexes with Carbon Monoxide. <i>Organometallics</i> , <b>2006</b> , 25, 528-530	3.8	24
16	Unexpected Formation of a $\pi$ -Coordinate Schiff Base Cobalt(0) Complex. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2006</b> , 632, 501-504	1.3	3
15	Novel stable five-coordinate diorgano cobalt(III) complexes: Formation, structure, and reaction with carbon monoxide. <i>Inorganica Chimica Acta</i> , <b>2006</b> , 359, 3117-3122	2.7	2
14	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. <i>Organometallics</i> , <b>2005</b> , 24, 2612-2616	3.8	7
13	$\pi$ -Unsaturated Carbonyl Compounds as Hard/Soft Chelating Ligands in Methyl Nickel Phenolates and the Structure of trans-Methyl-2-(3-phenyl-2,3- $\eta^2$ -propenoyl)phenolatobis(trimethylphosphine)nickel(II). <i>Organometallics</i> , <b>2005</b> , 24, 4347-4350	3.8	10
12	Simple Synthesis and Structure Characterization of a Stable Niobium(V) Phosponiomethylidyne Complex. <i>Organometallics</i> , <b>2005</b> , 24, 4699-4701	3.8	24
11	Synthesis of dimethylcobalt(III) complexes containing trimethylphosphine and 2-formyl-phenolato- or 2-formyl-enolato(O:O) ligands. <i>Inorganica Chimica Acta</i> , <b>2005</b> , 358, 3329-3333	2.7	3
10	Formation and Crystal Structure of Stable Five-coordinate Diorgano Cobalt(III) Complexes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2005</b> , 631, 1929-1931	1.3	10
9	Synthesis and Structure of Novel Dimethylcobalt(III) Complexes Containing Trimethylphosphine and Salicylaldiminato(N:O) Ligands. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2005</b> , 631, 3096-3099	1.3	2
8	Simple synthesis of an allenylidene heptavalent rhenium(d0) complex. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 8660-1	16.4	27
7	Reaction of 2-nitrophenols with high-valent trimethylphosphine complexes of cobalt. <i>Inorganica Chimica Acta</i> , <b>2003</b> , 342, 179-184	2.7	7
6	Heavily $\pi$ -Bond-Loaded Tungsten Phosponio $\eta^2$ Alkylidyne Complexes via a Domino Transylidation Cascade at (Organoimido)tungsten Tetrachlorides. <i>Organometallics</i> , <b>2002</b> , 21, 2356-2358	3.8	34



5	Oxidation-Reduction exchange of 2-acylenolato and trimethylphosphane ligands between d6 and d8 complexes of nickel and cobalt. <i>Inorganica Chimica Acta</i> , <b>2000</b> , 298, 63-69	2.7	7
4	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 - Section B Journal of Chemical Sciences</i> , <b>1998</b> , 53, 587-598	1	14
3	Halogeno(acylphenolato)cobalt(III)-Verbindungen mit Trimethylphosphan-Liganden / Halogeno(acylphenolato)cobalt(III) Compounds Containing Trimethylphosphane Ligands. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>1998</b> , 53, 856-864	1	6
2	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> , <b>1998</b> , 53, 587-598	1	16
1	Synthesis and properties of [PCP] pincer silylene cobalt(I) complexes. <i>New Journal of Chemistry</i> ,	3.6	1