Steven P. Nolan

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1928101/publications.pdf

Version: 2024-02-01

629 papers	58,484 citations	767 119 h-index	1634 215 g-index
829 all docs	829 docs citations	829 times ranked	19343 citing authors

#	Article	IF	Citations
1	Continuous Flow Synthesis of Sulfurâ€•and Seleniumâ^'NHC Compounds (NHC=Nâ€Heterocyclic) Tj ETQq1 1 0.784314 rgBT /Ov	2.4	6
2	Gold Nâ€Heterocyclic Carbene Catalysts for the Hydrofluorination of Alkynes Using Hydrofluoric Acid: Reaction Scope, Mechanistic Studies and the Tracking of Elusive Intermediates. Chemistry - A European Journal, 2022, 28, .	3.3	19
3	A Simple Synthetic Route to Wellâ€Defined [Pd(NHC)Cl(1â€^tBuâ€indenyl)] Preâ€catalysts for Crossâ€Coupling Reactions. European Journal of Inorganic Chemistry, 2022, 2022, .	2.0	9
4	Unveiling the complexity of the dual gold(I) catalyzed intermolecular hydroamination of alkynes leading to vinylazoles. Molecular Catalysis, 2022, 518, 112090.	2.0	1
5	Continuous Flow Synthesis of NHCâ€Coinage Metal Amido and Thiolato Complexes: A Mechanismâ€based Process Development. Chemistry Methods, 2022, 2, .	3.8	7
6	The effect of cocoa alkalization on the non-volatile and volatile mood-enhancing compounds. Food Chemistry, 2022, 381, 132082.	8.2	11
7	A simple synthetic entryway into new families of NHCâ€“gold-amido complexes and their in vitro antitumor activity. Dalton Transactions, 2022, 51, 3462-3471.	3.3	8
8	Reactions of N-heterocyclic Carbene-Based Chalcogenoureas with Halogens: A Diverse Range of Outcomes. Dalton Transactions, 2022, , .	3.3	5
9	A green route to platinum N-heterocyclic carbene complexes: mechanism and expanded scope. Dalton Transactions, 2022, 51, 6204-6211.	3.3	8
10	Versatile and Highly Efficient transâ€[Pd(NHC)Cl₂(DMS/THT)] Precatalysts for Câ^'N and Câ^'C Coupling Reactions in Green Solvents. European Journal of Organic Chemistry, 2022, 2022, .	2.4	8
11	Silver-catalyzed site-selective C(sp3)â^'H benzylation of ethers with N-triftosylhydrazones. Nature Communications, 2022, 13, 1674.	12.8	28
12	A Green Synthesis of Carbeneâ€Metalâ€Amides (CMAs) and Carbolineâ€Derived CMAs with Potent inâ€...vitro and ex vivo Anticancer Activity. ChemMedChem, 2022, , .	3.2	10
13	Azolium Aurates as Pre-Catalysts for the Oxidative Coupling of Terminal Alkynes under Mild Conditions. Journal of Organic Chemistry, 2022, 87, 4883-4893.	3.2	5
14	Indenyl and Allyl Palladate Complexes BearingNâ€Heterocyclic Carbene Ligands: an Easily Accessible Class of New Anticancer Drug Candidates. European Journal of Inorganic Chemistry, 2022, 2022, .	2.0	13
15	Flow chemistry of main group and transition metal complexes. Trends in Chemistry, 2022, 4, 584-607.	8.5	7
16	Energy transfer (EnT) photocatalysis enabled by gold-N-heterocyclic carbene (NHC) complexes. Chemical Science, 2022, 13, 6852-6857.	7.4	18
17	Synthesis of Carbeneâ€Metalâ€Amido (CMA) Complexes and Their Use as Precatalysts for the Activatorâ€Free, Goldâ€Catalyzed Addition of Carboxylic Acids to Alkynes. Chemistry - A European Journal, 2022, 28, .	3.3	7
18	Theoretical study on the mechanism, chemo- and enantioselectivity of the Ag- vs. Rh-catalyzed intramolecular carbene transfer reaction of diazoacetamides. RSC Advances, 2022, 12, 18197-18208.	3.6	1

#	Article	IF	Citations
19	Hydrogen bonding-enabled gold catalysis: ligand effects in gold-catalyzed cycloisomerizations in hexafluoroisopropanol (HFIP). Chemical Communications, 2022, 58, 8516-8519.	4.1	28
20	Protocol for Palladium/N-Heterocyclic Carbene-Catalyzed Suzukiâ€“Miyaura Cross-Coupling of Amides by Nâ€“C(O) Activation. Synthesis, 2021, 53, 682-687.	2.3	5
21	The mechanism of carboxylative cyclization of propargylamine by N-heterocyclic carbene complexes of Au(I). Journal of Organometallic Chemistry, 2021, 934, 121583.	1.8	1
22	Defluorinative [4 + 1] annulation of perfluoroalkyl N-mesylhydrazones with primary amines provides 5-fluoroalkyl 1,2,3-triazoles. Green Chemistry, 2021, 23, 7976-7981.	9.0	12
23	Synthesis and catalytic activity of palladium complexes bearing N-heterocyclic carbenes (NHCs) and 1,4,7-triaza-9-phosphatricyclo[5.3.2.1]tridecane (CAP) ligands. Dalton Transactions, 2021, 50, 9491-9499.	3.3	12
24	A simple synthesis of [RuCl₂(NHC)(p-cymene)] complexes and their use in olefin oxidation catalysis. Dalton Transactions, 2021, 50, 3959-3965.	3.3	12
25	Simple synthesis of [Ru(CO₃)(NHC)(p-cymene)] complexes and their use in transfer hydrogenation catalysis. Dalton Transactions, 2021, 50, 13012-13019.	3.3	11
26	Recent advances in the synthesis and derivatization of N-heterocyclic carbene metal complexes. Dalton Transactions, 2021, 50, 12058-12068.	3.3	30
27	Suzukiâ€“Miyaura cross-coupling of esters by selective Oâ€“C(O) cleavage mediated by air- and moisture-stable [Pd(NHC)(Î¼-Cl)Cl]₂precatalysts: catalyst evaluation and mechanism. Catalysis Science and Technology, 2021, 11, 3189-3197.	4.1	34
28	Straightforward synthetic route to gold(<scp>i</scp>)-thiolato glycoconjugate complexes bearing NHC ligands (NHC = N-heterocyclic carbene) and their promising anticancer activity. New Journal of Chemistry, 2021, 45, 9995-10001.	2.8	13
29	Continuous Flow Synthesis of Metalâ€“NHC Complexes**. Chemistry - A European Journal, 2021, 27, 5653-5657.	3.3	34
30	Synthesis of Gold(I)â^'Trifluoromethyl Complexes and their Role in Generating Spectroscopic Evidence for a Gold(I)â^'Difluorocarbene Species. Chemistry - A European Journal, 2021, 27, 8461-8467.	3.3	5
31	A critical review of palladium organometallic anticancer agents. Cell Reports Physical Science, 2021, 2, 100446.	5.6	55
32	Impact of alkalization conditions on the phytochemical content of cocoa powder and the aroma of cocoa drinks. LWT - Food Science and Technology, 2021, 145, 111181.	5.2	9
33	Simple Synthetic Routes to Carbeneâ€Mâ€Amido (M=Cu, Ag, Au) Complexes for Luminescence and Photocatalysis Applications. Chemistry - A European Journal, 2021, 27, 11904-11911.	3.3	42
34	Fluoroalkyl N-Triftosylhydrazones as Easily Decomposable Diazo Surrogates for Asymmetric [2 + 1] Cycloaddition: Synthesis of Chiral Fluoroalkyl Cyclopropenes and Cyclopropanes. ACS Catalysis, 2021, 11, 8527-8537.	11.2	32
35	Chelation enforcing a dual gold configuration in the catalytic hydroxyphenoxylation of alkynes. Applied Organometallic Chemistry, 2021, 35, e6362.	3.5	5
36	Optimizing Catalyst and Reaction Conditions in Gold(I) Catalysisâ€“Ligand Development. Chemical Reviews, 2021, 121, 8559-8612.	47.7	85

#	Article	IF	Citations
37	Synthesis of Î³,Î´-Unsaturated Esters and Amides via Au(I)-Catalyzed Reactions of Aryl Ynol Ethers or Ynamides with Allylic Alcohols. Synthesis, 2021, 53, 4644-4653.	2.3	2
38	Mechanistic Aspects of the Palladiumâ€Catalyzed Suzukiâ€Miyaura Crossâ€Coupling Reaction. Chemistry - A European Journal, 2021, 27, 13481-13493.	3.3	97
39	Continuous Flow Synthesis of [Au(NHC)(Aryl)] (NHC=Nâ€Heterocyclic Carbene) Complexes. Chemistry - A European Journal, 2021, 27, 13342-13345.	3.3	11
40	A Simple Synthetic Route to [Rh(acac)(CO)(NHC)] Complexes: Ligand Property Diagnostic Tools and Precatalysts. European Journal of Inorganic Chemistry, 2021, 2021, 3506-3511.	2.0	5
41	Silver N-heterocyclic carbenes: emerging powerful catalysts. Trends in Chemistry, 2021, 3, 674-685.	8.5	29
42	In vitro and in cellulo anti-diabetic activity of AuI- and AuIII-isothiourea complexes. Inorganic Chemistry Communication, 2021, 130, 108666.	3.9	1
43	Auâ‹…â‹…â‹…Hâ^'C Hydrogen Bonds as Design Principle in Gold(I) Catalysis. Angewandte Chemie - International Edition, 2021, 60, 21014-21024.	13.8	45
44	Platinumâ€Catalyzed Alkene Hydrosilylation: Solventâ€Free Process Development from Batch to a Membraneâ€Integrated Continuous Process. ChemSusChem, 2021, 14, 3810-3814.	6.8	7
45	Auâ‹…â‹…â‹…Hâ^'C Hydrogen Bonds as Design Principle in Gold(I) Catalysis. Angewandte Chemie, 2021, 133, 21182-21192.	2.0	14
46	Frontispiece: Mechanistic Aspects of the Palladiumâ€Catalyzed Suzukiâ€Miyaura Crossâ€Coupling Reaction. Chemistry - A European Journal, 2021, 27, .	3.3	2
47	Integrating membrane separation with goldâ€catalyzed carboxylative cyclization of propargylamine and catalyst recovery via organic solvent nanofiltration. Journal of Chemical Technology and Biotechnology, 2021, 96, 3371-3377.	3.2	3
48	Synthesis of N-heterocyclic carbene gold(I) complexes. Nature Protocols, 2021, 16, 1476-1493.	12.0	52
49	The â€œweak base routeâ€•leading to transition metalâ€“N-heterocyclic carbene complexes. Chemical Communications, 2021, 57, 3836-3856.	4.1	61
50	N-Heterocyclic carbene complexes enabling the Î±-arylation of carbonyl compounds. Chemical Communications, 2021, 57, 4354-4375.	4.1	40
51	Conversion of Pd(<scp>i</scp>) off-cycle species into highly efficient cross-coupling catalysts. Dalton Transactions, 2021, 50, 5420-5427.	3.3	6
52	Reaction Parameterization as a Tool for Development in Organometallic Catalysis. , 2021, , .		2
53	Straightforward synthesis of [Cu(NHC)(alkynyl)] and [Cu(NHC)(thiolato)] complexes (NHC =) Tj ETQq1 1 0.784314 rgBT /Overlock 1	3.3	4
54	Buchwaldâ€“Hartwig cross-coupling of amides (transamidation) by selective Nâ€“C(O) cleavage mediated by air- and moisture-stable [Pd(NHC)(allyl)Cl] precatalysts: catalyst evaluation and mechanism. Catalysis Science and Technology, 2020, 10, 710-716.	4.1	57

#	Article	IF	Citations
55	A general protocol for the synthesis of Pt-NHC (NHC = N-heterocyclic carbene) hydrosilylation catalysts. Dalton Transactions, 2020, 49, 14673-14679.	3.3	22
56	Synthesis, in silico and inâ€…vitro Evaluation of Novel Oxazolopyrimidines as Promising Anticancer Agents. Helvetica Chimica Acta, 2020, 103, e2000169.	1.6	10
57	Synthesis, reactivity and catalytic activity of Au-PAd₃ complexes. Dalton Transactions, 2020, 49, 13872-13879.	3.3	9
58	Design Concepts for N-Heterocyclic Carbene Ligands. Trends in Chemistry, 2020, 2, 1096-1113.	8.5	38
59	Straightforward access to chalcogenoureas derived from N-heterocyclic carbenes and their coordination chemistry. Dalton Transactions, 2020, 49, 12068-12081.	3.3	24
60	[Pd(NHC)(Î¼-Cl)Cl]2: Versatile and Highly Reactive Complexes for Cross-Coupling Reactions that Avoid Formation of Inactive Pd(I) Off-Cycle Products. IScience, 2020, 23, 101377.	4.1	56
61	Synthetic Routes to Late Transition Metalâ€“NHC Complexes. Trends in Chemistry, 2020, 2, 721-736.	8.5	118
62	Dinuclear Gold(I) Complexes Bearing Alkyl-Bridged Bis(N-heterocyclic carbene) Ligands as Catalysts for Carboxylative Cyclization of Propargylamine: Synthesis, Structure, and Kinetic and Mechanistic Comparison to the Mononuclear Complex [Au(IPr)Cl]. Organometallics, 2020, 39, 2907-2916.	2.3	23
63	The anticancer activity of an air-stable Pd(<scp>i</scp>)-NHC (NHC = N-heterocyclic carbene) dimer. Chemical Communications, 2020, 56, 12238-12241.	4.1	31
64	Dinuclear gold(<scp>i</scp>) complexes: from bonding to applications. Chemical Society Reviews, 2020, 49, 7044-7100.	38.1	66
65	Voltage-Based Current-Compensation Converter Control for Power Electronic Interfaced Distribution Networks in Future Aircraft. IEEE Transactions on Transportation Electrification, 2020, 6, 1819-1829.	7.8	6
66	Improving process efficiency of gold-catalyzed hydration of alkynes: merging catalysis with membrane separation. Green Chemistry, 2020, 22, 2598-2604.	9.0	16
67	Using sodium acetate for the synthesis of [Au(NHC)X] complexes. Dalton Transactions, 2020, 49, 9694-9700.	3.3	28
68	Simple Synthetic Routes to Nâ€Heterocyclic Carbene Gold(I)â€“Aryl Complexes: Expanded Scope and Reactivity. Chemistry - A European Journal, 2020, 26, 5541-5551.	3.3	41
69	N-Heterocyclic Carbene Complexes in Câ€“H Activation Reactions. Chemical Reviews, 2020, 120, 1981-2048.	47.7	429
70	Understanding existing and designing novel synthetic routes to Pd-PEPPSI-NHC and Pd-PEPPSI-PR₃pre-catalysts. Chemical Communications, 2020, 56, 5953-5956.	4.1	38
71	A Mechanistically and Operationally Simple Route to Metalâ€“Nâ€Heterocyclic Carbene (NHC) Complexes. Chemistry - A European Journal, 2020, 26, 4515-4519.	3.3	54
72	Palladate Precatalysts for the Formation of Câ€“N and Câ€“C Bonds. Organometallics, 2019, 38, 2812-2817.	2.3	23

#	Article	IF	Citations
73	2â€MeTHF): A Green Solvent for Pdâ^'NHCâ€Catalyzed Amide and Ester Suzukiâ€Miyaura Crossâ€Coupling by Nâ^'C/Oâ^'C Cleavage. Advanced Synthesis and Catalysis, 2019, 361, 5654-5660.	4.3	37
74	Investigating the Biological Activity of Imidazolium Aurate Salts. ChemistrySelect, 2019, 4, 11061-11065.	1.5	3
75	Mizorokiâ€“Heck Crossâ€Coupling of Acrylate Derivatives with Aryl Halides Catalyzed by Palladate Preâ€Catalysts. European Journal of Inorganic Chemistry, 2019, 2019, 4695-4699.	2.0	11
76	Quantifying electronic similarities between NHCâ€“gold(<scp>i</scp>) complexes and their isolobal imidazolium precursors. Physical Chemistry Chemical Physics, 2019, 21, 15615-15622.	2.8	10
77	Regression analysis of properties of [Au(IPr)(CHR₂)] complexes. Dalton Transactions, 2019, 48, 7693-7703.	3.3	4
78	Synthesis and reactivity of [Au(NHC)(Bpin)] complexes. Chemical Communications, 2019, 55, 6799-6802.	4.1	22
79	[Pd(NHC)(acac)Cl]: Well-Defined, Air-Stable, and Readily Available Precatalysts for Suzuki and Buchwaldâ€“Hartwig Cross-coupling (Transamidation) of Amides and Esters by Nâ€“C/Oâ€“C Activation. Organic Letters, 2019, 21, 3304-3309.	4.6	90
80	Gold(<scp>i</scp>) catalysed regio- and stereoselective intermolecular hydroamination of internal alkynes: towards functionalised azoles. Organic and Biomolecular Chemistry, 2019, 17, 3805-3811.	2.8	23
81	A simple 1H NMR method for determining the Ïƒ-donor properties of N-heterocyclic carbenes. Tetrahedron Letters, 2019, 60, 378-381.	1.4	70
82	Synthesis of Diâ€Substituted Alkynes via Palladiumâ€Catalyzed Decarboxylative Coupling and Câ€H Activation. ChemistrySelect, 2019, 4, 5-9.	1.5	13
83	Chiral Au^Iâ€and Au^{III}â€Isothiourea Complexes: Synthesis, Characterization and Application. Chemistry - A European Journal, 2019, 25, 1064-1075.	3.3	11
84	Mechanistic Study of Suzukiâ€“Miyaura Crossâ€Coupling Reactions of Amides Mediated by [Pd(NHC)(allyl)Cl] Precatalysts. ChemCatChem, 2018, 10, 3096-3106.	3.7	78
85	The effect of shear flow on microreactor clogging. Chemical Engineering Journal, 2018, 341, 639-647.	12.7	29
86	polymerization of methyl methacrylate and other vinylic monomers. Arabian Journal of Chemistry, 2018, 11, 1017-1031.	4.9	1
87	Insights into the Catalytic Activity of [Pd(NHC)(cin)Cl] (NHC=IPr, IPr^{Cl}, IPr^{Br}) Complexes in the Suzukiâ€“Miyaura Reaction. ChemCatChem, 2018, 10, 601-611.	3.7	21
88	Ligand-Directed Reactivity in Dioxygen and Water Binding to cis-[Pd(NHC)2(Î·2-O2)]. Journal of the American Chemical Society, 2018, 140, 264-276.	13.7	2
89	PMOâ€Immobilized Au^Iâ€“NHC Complexes: Heterogeneous Catalysts for Sustainable Processes. ChemPhysChem, 2018, 19, 430-436.	2.1	13
90	In vitro Antiâ€atherogenic Properties of Nâ€Heterocyclic Carbene Aurate(I) Compounds. ChemMedChem, 2018, 13, 2484-2487.	3.2	16

#	Article	IF	Citations
91	The activity of indenylidene derivatives in olefin metathesis catalysts. Beilstein Journal of Organic Chemistry, 2018, 14, 2956-2963.	2.2	8
92	Well-Defined Palladium(II)â€“NHC Precatalysts for Cross-Coupling Reactions of Amides and Esters by Selective Nâ€“C/Oâ€“C Cleavage. Accounts of Chemical Research, 2018, 51, 2589-2599.	15.6	316
93	Grignard Reagents and Palladium. ChemistrySelect, 2018, 3, .	1.5	0
94	Towards environmentally friendlier Suzukiâ€“Miyaura reactions with precursors of Pd-NHC (NHC =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	9.0	36
95	Synthesis, Characterization and Catalytic Activity of NHC Gold(I) Polyoxometalate Complexes. Chemistry - A European Journal, 2018, 24, 12630-12637.	3.3	11
96	Metallate Complexes of the Late Transition Metals: Organometallic Chemistry and Catalysis. Advances in Organometallic Chemistry, 2018, , 283-327.	1.0	9
97	POM@IL-MOFs â€“ inclusion of POMs in ionic liquid modified MOFs to produce recyclable oxidation catalysts. Catalysis Science and Technology, 2017, 7, 1478-1487.	4.1	55
98	Quantifying and understanding the steric properties of N-heterocyclic carbenes. Chemical Communications, 2017, 53, 2650-2660.	4.1	271
99	Mild, Aqueous Î±â€Arylation of Ketones: Towards New Diversification Tools for Halogenated Metabolites and Drug Molecules. Chemistry - A European Journal, 2017, 23, 3832-3836.	3.3	22
100	A simple synthetic entryway into palladium cross-coupling catalysis. Chemical Communications, 2017, 53, 7990-7993.	4.1	54
101	N-heterocyclic carbene complexes of palladium in oxygen atom transfer reactions involving the making and breaking of N-O bonds. Inorganica Chimica Acta, 2017, 468, 285-293.	2.4	1
102	Mechanism of the Suzukiâ€“Miyaura Cross-Coupling Reaction Mediated by [Pd(NHC)(allyl)Cl] Precatalysts. Organometallics, 2017, 36, 2088-2095.	2.3	68
103	Expedient Syntheses of Neutral and Cationic Au(I)â€“NHC Complexes. Organometallics, 2017, 36, 3645-3653.	2.3	19
104	Mechanism of the Catalytic Carboxylation of Alkylboronates with CO₂ Using Niâ^'NHC Complexes: A DFT Study. Chemistry - A European Journal, 2017, 23, 14954-14961.	3.3	11
105	Ruthenium-catalysed decomposition of formic acid: Fuel cell and catalytic applications. Molecular Catalysis, 2017, 440, 184-189.	2.0	23
106	Inner-Sphere versus Outer-Sphere Coordination of BF₄^{â€“} in a NHC-Gold(I) Complex. Organometallics, 2017, 36, 2861-2869.	2.3	22
107	In vitro Biological Activities of Gold(I) and Gold(III) Bis(N-Heterocyclic Carbene) Complexes. ChemistrySelect, 2017, 2, 5316-5320.	1.5	12
108	Optimized network planning of mini-grids for the rural electrification of developing countries. , 2017, , .		3

#	Article	IF	Citations
109	General Method for the Suzukiâ€“Miyaura Cross-Coupling of Primary Amide-Derived Electrophiles Enabled by [Pd(NHC)(cin)Cl] at Room Temperature. Organic Letters, 2017, 19, 6510-6513.	4.6	60
110	Hydroxide complexes of the late transition metals: Organometallic chemistry and catalysis. Coordination Chemistry Reviews, 2017, 353, 278-294.	18.8	39
111	A new initiating system based on [(SiMes)Ru(PPh3)(Ind)Cl2] combined with azo-bis-isobutyronitrile in the polymerization and copolymerization of styrene and methyl methacrylate. Designed Monomers and Polymers, 2017, 20, 167-176.	1.6	4
112	Goldâ€•Nâ€Heterocyclic Carbene Complexes of Mineral Acids. ChemCatChem, 2017, 9, 117-120.	3.7	23
113	Scope and limitations of the dual-gold-catalysed hydrophenoxylation of alkynes. Beilstein Journal of Organic Chemistry, 2016, 12, 172-178.	2.2	17
114	On the Mechanism of the Digold(I)â€“Hydroxideâ€Catalysed Hydrophenoxylation of Alkynes. Chemistry - A European Journal, 2016, 22, 1125-1132.	3.3	51
115	In Silico Olefin Metathesis with Ruâ€Based Catalysts Containing Nâ€Heterocyclic Carbenes Bearing C₆₀ Fullerenes. Chemistry - A European Journal, 2016, 22, 6617-6623.	3.3	15
116	1. Grignard Reagents and Palladium. , 2016, , 1-60.		0
117	Catalytic Î±-Arylation of Imines Leading to N-Unprotected Indoles and Azaindoles. ACS Catalysis, 2016, 6, 2930-2938.	11.2	26
118	Synthesis, Structure and Catalytic Activity of NHCâ€“Ag^I Carboxylate Complexes. Chemistry - A European Journal, 2016, 22, 13320-13327.	3.3	31
119	Synthesis of Au^Iâ€•and Au^{III}â€Bis(NHC) Complexes: Ligand Influence on Oxidative Addition to Au^I Species. European Journal of Inorganic Chemistry, 2016, 2016, 4111-4122.	2.0	33
120	Mechanism of the Transmetalation of Organosilanes to Gold. ChemistryOpen, 2016, 5, 60-64.	1.9	11
121	Goldâ€NHC complexes as potent bioactive compounds. ChemistrySelect, 2016, 1, 76-80.	1.5	26
122	Sequential Functionalization of Alkynes and Alkenes Catalyzed by Gold(I) and Palladium(II) Nâ€Heterocyclic Carbene Complexes. ChemCatChem, 2016, 8, 3381-3388.	3.7	31
123	A Switchable Gold Catalyst by Encapsulation in a Selfâ€Assembled Cage. Chemistry - A European Journal, 2016, 22, 14836-14839.	3.3	67
124	Gold(I)â€Catalysed Cyclisation of Alkynoic Acids: Towards an Efficient and Ecoâ€Friendly Synthesis of Î³â€, Î´â€• and Îµâ€Lactones. Advanced Synthesis and Catalysis, 2016, 358, 3857-3862.	4.3	36
125	Sonication-Assisted Synthesis of(E)-2-Methyl-but-2-enyl Nucleoside Phosphonate Prodrugs. ChemistrySelect, 2016, 1, 3108-3113.	1.5	8
126	Synthesis, characterization and catalytic activity of stable [(NHC)H][ZnXY2] (NHC =N-Heterocyclic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	4.8	11

#	Article	IF	Citations
127	How easy is CO₂ fixation by Mâ€“C bond containing complexes (M = Cu, Ni, Co, Rh, Ir)?. Organic Chemistry Frontiers, 2016, 3, 19-23.	4.5	24
128	Recyclable NHC Catalyst for the Development of a Generalized Approach to Continuous Buchwaldâ€“Hartwig Reaction and Workup. Organic Process Research and Development, 2016, 20, 551-557.	2.7	38
129	Transition metal bifluorides. Coordination Chemistry Reviews, 2016, 307, 65-80.	18.8	18
130	Mechanism of CO₂ Fixation by Ir^Iâ€“X Bonds (X = OH, OR, N, C). European Journal of Inorganic Chemistry, 2015, 2015, 4653-4657.	2.0	20
131	Gold(I)â€Assisted Î±â€Allylation of Enals and Enones with Alcohols. Angewandte Chemie - International Edition, 2015, 54, 14885-14889.	13.8	27
132	Arylation of Amines in Alkane Solvents by using Wellâ€Defined Palladiumâ€“Nâ€Heterocyclic Carbene Complexes. ChemCatChem, 2015, 7, 4021-4024.	3.7	24
133	Competitive Goldâ€Promoted Meyerâ€“Schuster and oxyâ€Cope Rearrangements of 3â€Acyloxyâ€1,5â€enynes: Selective Catalysis for the Synthesis of (+)â€(S)â€Î³â€Ionone and (â^')â€(2S,6â€²R)â€cisâ€Î³â€Ionone. Chemistry - A European Journal, 2015, 21, 14068-14074.	3.8	10
134	Influence of bulky yet flexible N-heterocyclic carbene ligands in gold catalysis. Beilstein Journal of Organic Chemistry, 2015, 11, 1809-1814.	2.2	15
135	Olefin metathesis in air. Beilstein Journal of Organic Chemistry, 2015, 11, 2038-2056.	2.2	36
136	N-Heterocyclic carbenes. Beilstein Journal of Organic Chemistry, 2015, 11, 2474-2475.	2.2	0
137	Continuous Flow Metathesis for Direct Valorization of Food Waste: An Example of Cocoa Butter Triglyceride. ACS Sustainable Chemistry and Engineering, 2015, 3, 1453-1459.	6.7	29
138	The Mechanism of CO₂ Insertion into Iridium(I) Hydroxide and Alkoxide Bonds: A Kinetics and Computational Study. Chemistry - A European Journal, 2015, 21, 6930-6935.	3.3	16
139	The Suzukiâ€“Miyaura Reaction Performed Using a Palladiumâ€“Nâ€Heterocyclic Carbene Catalyst and a Weak Inorganic Base. European Journal of Organic Chemistry, 2015, 2015, 1920-1924.	2.4	28
140	Transition Metal-Catalyzed Carboxylation of Organic Substrates with Carbon Dioxide. Topics in Organometallic Chemistry, 2015, , 225-278.	0.7	20
141	The Gold(I)â€Catalysed Protodecarboxylation Mechanism. Chemistry - A European Journal, 2015, 21, 3399-3408.	3.3	20
142	Evaluation of an olefin metathesis pre-catalyst with a bulky and electron-rich N-heterocyclic carbene. Journal of Organometallic Chemistry, 2015, 780, 43-48.	1.8	25
143	Stereoselective Gold(I)-Catalyzed Intermolecular Hydroalkoxlation of Alkynes. ACS Catalysis, 2015, 5, 1330-1334.	11.2	80
144	General and Mild Ni⁰â€Catalyzed Î±â€Arylation of Ketones Using Aryl Chlorides. Chemistry - A European Journal, 2015, 21, 3906-3909.	3.3	34

#	Article	IF	Citations
145	What can NMR spectroscopy of selenoureas and phosphinidenes teach us about the Ï€-accepting abilities of N-heterocyclic carbenes?. Chemical Science, 2015, 6, 1895-1904.	7.4	244
146	A microfluidic approach for flexible and efficient operation of a cross-coupling reactive flow. RSC Advances, 2015, 5, 63786-63792.	3.6	15
147	Synthesis of (diarylmethyl)amines using Ni-catalyzed arylation of C(sp³)â€“H bonds. Chemical Science, 2015, 6, 4973-4977.	7.4	50
148	Goldâ€“Acetonyl Complexes: From Sideâ€Products to Valuable Synthons. Chemistry - A European Journal, 2015, 21, 5403-5412.	3.3	51
149	Gold(<scp>i</scp>)-catalysed dehydrative formation of ethers from benzylic alcohols and phenols. Green Chemistry, 2015, 17, 3819-3825.	9.0	26
150	Synthesis of an Intermediate of Nafoxidine via Nickel-Catalyzed Ketone Arylation. Synthesis, 2015, 47, 2032-2037.	2.3	7
151	Highly Efficient Gold(I)-Catalyzed Regio- and Stereoselective Hydrocarboxylation of Internal Alkynes. ACS Catalysis, 2015, 5, 6918-6921.	11.2	64
152	Chiral Carbophilic Gold Lewis Acid Complexes in Enantioselective Catalysis. Topics in Organometallic Chemistry, 2015, , 51-90.	0.7	10
153	Synthesis and Characterization of Gold(I) Complexes of Dibenzotropylidene-Functionalized NHC Ligands (Trop-NHCs). Organometallics, 2015, 34, 263-274.	2.3	17
154	Hydrofluorination of Alkynes Catalysed by Gold Bifluorides. ChemCatChem, 2015, 7, 240-244.	3.7	90
155	Synthesis and characterisation of Au(I)-(ITent) complexes. Journal of Organometallic Chemistry, 2015, 775, 152-154.	1.8	18
156	Fluoride, bifluoride and trifluoromethyl complexes of iridium(i) and rhodium(i). Chemical Communications, 2015, 51, 62-65.	4.1	17
157	A New Synthetic Route to p-Methoxy-2,6-disubstituted Anilines and their Conversion into N-Heterocyclic Carbene Precursors. Synlett, 2014, 25, 393-398.	1.8	10
158	Palladiumâ€Catalyzed Î±â€Arylation of Arylketones at Low Catalyst Loadings. Chemistry - A European Journal, 2014, 20, 17272-17276.	3.3	24
159	Wiley End User License Agreement. , 2014, , a-a.		0
160	Enthalpies of ligand substitution for [Mo(Î·5C5H5)(CO)2(NO)] â€“ The role of Ï€-bonding effects in metalâ€“ligand bond strengths. Journal of Chemical Thermodynamics, 2014, 73, 156-162.	2.0	0
161	Chemoselective Ruthiumâ€Catalysed Reduction of Carboxylic Acids. Advanced Synthesis and Catalysis, 2014, 356, 308-312.	4.3	37
162	Efficient Câ€“N and Câ€“S Bond Formation Using the Highly Active [Ni(allyl)Cl(IPr*^{OMe})] Precatalyst. European Journal of Organic Chemistry, 2014, 2014, 3127-3131.	2.4	59

#	Article	IF	Citations
163	Letter to the Editor concerning: â€œCarbonâ€“Heteroatom Coupling Using Pdâ€“PEPPSI Complexesâ€•by Valente et al.. Organic Process Research and Development, 2014, 18, 456-457.	2.7	1
164	From ruthenium olefin metathesis catalyst to (Î·5-3-phenylindenyl)hydrido complex via alcoholysis. Chemical Communications, 2014, 50, 2205.	4.1	21
165	New [Au(NHC)(OH)] Complexes for Silver-Free Protocols. Organometallics, 2014, 33, 421-424.	2.3	35
166	Ruthenium catalysed Câ€“H bond borylation. Chemical Communications, 2014, 50, 6782.	4.1	58
167	Key processes in ruthenium-catalysed olefin metathesis. Chemical Communications, 2014, 50, 10355.	4.1	136
168	How phenyl makes a difference: mechanistic insights into the ruthenium(<scp>ii</scp>)-catalysed isomerisation of allylic alcohols. Chemical Science, 2014, 5, 180-188.	7.4	60
169	Trapping atmospheric CO₂ with gold. Chemical Communications, 2014, 50, 11321-11324.	4.1	16
170	CO₂fixation employing an iridium(<scp>i</scp>)-hydroxide complex. Chemical Communications, 2014, 50, 286-288.	4.1	32
171	The use of the sterically demanding IPr* and related ligands in catalysis. Chemical Communications, 2014, 50, 14926-14937.	4.1	111
172	Regioselective ruthenium catalysed Hâ€“D exchange using D₂O as the deuterium source. Organic and Biomolecular Chemistry, 2014, 12, 8683-8688.	2.8	36
173	Exploring the Coordination of Cyclic Selenoureas to Gold(I). Organometallics, 2014, 33, 3640-3645.	2.3	78
174	A Cationic Ruthenium Complex for the Dynamic Kinetic Resolution of Secondary Alcohols. Chemistry - A European Journal, 2014, 20, 13132-13135.	3.3	29
175	Iridium(i) hydroxides in catalysis: rearrangement of allylic alcohols to ketones. Organic and Biomolecular Chemistry, 2014, 12, 6672-6676.	2.8	19
176	From a Decomposition Product to an Efficient and Versatile Catalyst: The [Ru(Î·⁵-indenyl)(PPh₃)₂Cl] Story. Accounts of Chemical Research, 2014, 47, 3089-3101.	15.6	35
177	A novel route for large-scale synthesis of [Au(NHC)(OH)] complexes. Polyhedron, 2014, 84, 59-62.	2.2	34
178	Methoxy-Functionalized N-Heterocyclic Carbenes. Organometallics, 2014, 33, 2048-2058.	2.3	97
179	[Au]/[Pd] Multicatalytic Processes: Direct Oneâ€Pot Access to Benzo[c]chromenes and Benzo[b]furans. Chemistry - A European Journal, 2014, 20, 13507-13510.	3.3	17
180	Highly Efficient and Eco-Friendly Gold-Catalyzed Synthesis of Homoallylic Ketones. ACS Catalysis, 2014, 4, 2701-2705.	11.2	56

#	Article	IF	Citations
181	Insights into the Decomposition of Olefin Metathesis Precatalysts. Angewandte Chemie - International Edition, 2014, 53, 8995-8999.	13.8	58
182	[Pd(IPr*^{OMe})(cin)Cl] (cin = Cinnamyl): A Versatile Catalyst for Câ€“N and Câ€“C Bond Formation. Organometallics, 2014, 33, 1253-1258.	2.3	84
183	Nickel-catalysed carboxylation of organoboronates. Chemical Communications, 2014, 50, 8010.	4.1	69
184	Straightforward synthesis of [Au(NHC)X] (NHC = N-heterocyclic carbene, X = Cl, Br, I) complexes. Chemical Communications, 2013, 49, 5541.	4.1	223
185	Exploring the Limits of Catalytic Ammoniaâ€“Borane Dehydrogenation Using a Bis(N-heterocyclic) Tj ETQq1 1 0.784314 rgBT /	2.3	26
186	Direct S-Arylation of Unactivated Arylsulfoxides Using [Pd(IPr*)(cin)Cl]. ACS Catalysis, 2013, 3, 2190-2193.	11.2	65
187	Accelerating influence of the gem-difluoromethylene group in a ring-closing olefin metathesis reaction. A Thorpeâ€“Ingold effect?. Chemical Communications, 2013, 49, 7201.	4.1	21
188	Facile and efficient KOH-catalysed reduction of esters and tertiary amides. Chemical Communications, 2013, 49, 9758.	4.1	68
189	Hydrophenoxylation of Alkynes by Cooperative Gold Catalysis. Angewandte Chemie - International Edition, 2013, 52, 9767-9771.	13.8	121
190	The Preparation of Trisubstituted Alkenyl Nucleoside Phosphonates under Ultrasound-Assisted Olefin Cross-Metathesis. Organic Letters, 2013, 15, 4390-4393.	4.6	17
191	Steric Maps to Evaluate the Role of Steric Hindrance on the IPr NHC Ligand. Procedia Computer Science, 2013, 18, 845-854.	2.0	5
192	Gold(I)â€Catalyzed Protodecarboxylation of (Hetero)Aromatic Carboxylic Acids. Chemistry - A European Journal, 2013, 19, 14034-14038.	3.3	48
193	Enhanced Activity of [Ni(NHC)CpCl] Complexes in Arylamination Catalysis. Organometallics, 2013, 32, 6265-6270.	2.3	92
194	Effect of Electronic Enrichment of NHCs on the Catalytic Activity of [Pd(NHC)(acac)Cl] in Buchwaldâ€“Hartwig Coupling. Organometallics, 2013, 32, 7547-7551.	2.3	51
195	Deuteration of boranes: catalysed versus non-catalysed processes. Dalton Transactions, 2013, 42, 4105.	3.3	22
196	Synthesis and Reactivity of New Bis(N-heterocyclic carbene) Iridium(I) Complexes. Inorganic Chemistry, 2013, 52, 12674-12681.	4.0	11
197	Carbonâ€“Sulfur Bond Formation Catalyzed by [Pd(IPr*^{OMe})(cin)Cl] (cinÂ= cinnamyl). Journal of Organic Chemistry, 2013, 78, 9303-9308.	3.2	80
198	A general synthetic route to [Cu(X)(NHC)] (NHC = N-heterocyclic carbene, X = Cl, Br, I) complexes. Chemical Communications, 2013, 49, 10483.	4.1	135

#	Article	IF	Citations
199	Synthesis, characterisation, and oxygen atom transfer reactions involving the first gold(i)-alkylperoxo complexes. Chemical Communications, 2013, 49, 10745.	4.1	21
200	Synthesis and structure of large difluoromethylene containing alicycles by ring closing metathesis (RCM). Organic and Biomolecular Chemistry, 2013, 11, 8209.	2.8	10
201	Well-defined NHC-rhodium hydroxide complexes as alkenehydrosilylation and dehydrogenative silylation catalysts. Dalton Transactions, 2013, 42, 270-276.	3.3	46
202	[Pd(IPr*^{OMe})(acac)Cl]: Tuning the N-Heterocyclic Carbene in Catalytic Câ€“N Bond Formation. Organometallics, 2013, 32, 330-339.	2.3	167
203	Straightforward Synthetic Access to gemâ€Diaurated and Digold Ïƒ,Ïâ€Acetylide Species. Angewandte Chemie - International Edition, 2013, 52, 938-942.	13.8	87
204	Polymerization of cyclic esters using N-heterocyclic carbene carboxylate catalysts. Polymer Chemistry, 2013, 4, 2414.	3.9	43
205	Synthesis of N-Heterocyclic Carbene Gold Complexes Using Solution-Phase and Solid-State Protocols. Organometallics, 2013, 32, 2271-2274.	2.3	56
206	Solvent-free aryl amination catalysed by [Pd(NHC)] complexes. RSC Advances, 2013, 3, 3840.	3.6	58
207	Copper N-heterocyclic carbene complexes in catalysis. Catalysis Science and Technology, 2013, 3, 912.	4.1	187
208	[{Au(NHC)}₂(Î¼-OH)][BF₄]: Silver-Free and Acid-Free Catalysts for Water-Inclusive Gold-Mediated Organic Transformations. Organometallics, 2013, 32, 1106-1111.	2.3	95
209	Chemoselective Oxidation of Secondary Alcohols Using a Ruthenium Phenylindenyl Complex. Organometallics, 2013, 32, 660-664.	2.3	38
210	Iridium(I) Hydroxides: Powerful Synthons for Bond Activation. Chemistry - A European Journal, 2013, 19, 7904-7916.	3.3	38
211	The Activation Mechanism of Ruâ€“Indenylidene Complexes in Olefin Metathesis. Journal of the American Chemical Society, 2013, 135, 7073-7079.	13.7	96
212	How does the addition of steric hindrance to a typical N-heterocyclic carbene ligand affect catalytic activity in olefin metathesis?. Dalton Transactions, 2013, 42, 7433.	3.3	75
213	Efficient ruthenium-catalysed Sâ€“S, Sâ€“Si and Sâ€“B bond forming reactions. Chemical Communications, 2013, 49, 5829.	4.1	43
214	Steric and Electronic Parameters of a Bulky yet Flexible N-Heterocyclic Carbene: 1,3-Bis(2,6-bis(1-ethylpropyl)phenyl)imidazol-2-ylidene (IPent). Organometallics, 2013, 32, 3249-3252.	2.3	49
215	Palladium-N-heterocyclic carbene (NHC) catalyzed Câ€“N bond formation in a continuous flow microreactor. Effect of process parameters and comparison with batch operation. Chemical Engineering Journal, 2013, 223, 578-583.	12.7	33
216	Quantifying and understanding the electronic properties of N-heterocyclic carbenes. Chemical Society Reviews, 2013, 42, 6723.	38.1	918

#	Article	IF	Citations
217	Synthesis and broad spectrum antiviral evaluation of bis(POM) prodrugs of novel acyclic nucleosides. European Journal of Medicinal Chemistry, 2013, 67, 398-408.	5.5	21
218	Stable Carbenes: From â€˜Laboratory Curiosities' to Catalysis Mainstays. Synlett, 2013, 24, 1188-1189.	1.8	69
219	Large yet Flexible Nâ€Heterocyclic Carbene Ligands for Palladium Catalysis. Chemistry - A European Journal, 2013, 19, 17358-17368.	3.3	114
220	A Highly Active Cationic Ruthenium Complex for Alkene Isomerisation: Aâ€‰Catalyst for the Synthesis of High Value Molecules. ChemCatChem, 2013, 5, 2848-2851.	3.7	37
221	Synthesis, characterization and luminescence studies of gold(I)â€“NHC amide complexes. Beilstein Journal of Organic Chemistry, 2013, 9, 2216-2223.	2.2	29
222	[Pd(IPr*)(acac)Cl]: An Easily Synthesized, Bulky Precatalyst for Câ€“N Bond Formation. Organometallics, 2012, 31, 3402-3409.	2.3	78
223	The Fluorideâ€Free Transmetalation of Organosilanes to Gold. Chemistry - A European Journal, 2012, 18, 14923-14928.	3.3	37
224	Effect of Ligand Bulk in Ruthenium-Catalyzed Olefin Metathesis: IPr* vs IPr. Organometallics, 2012, 31, 6514-6517.	2.3	43
225	[Pd(IPr*)(3-Cl-pyridinyl)Cl₂]: A Novel and Efficient PEPPSI Precatalyst. Organometallics, 2012, 31, 6947-6951.	2.3	130
226	The Role of Metal Hydroxide Complexes in Late Transition Metalâ€Mediated Transmetalation Reaction: The Case of Gold. Advanced Synthesis and Catalysis, 2012, 354, 2380-2386.	4.3	39
227	Oneâ€Pot Goldâ€Catalyzed Synthesis of Azepino[1,2â€a]indoles. Angewandte Chemie - International Edition, 2012, 51, 9891-9895.	13.8	79
228	Bulky N-Heterocyclic Carbene IPr* in Selected Organo- and Transition Metal-Mediated Catalytic Applications. Organometallics, 2012, 31, 3259-3263.	2.3	52
229	E/Z selectivity in ruthenium-mediated cross metathesis. Catalysis Science and Technology, 2012, 2, 1027.	4.1	22
230	Coordinatively Unsaturated Ruthenium Complexes As Efficient Alkyneâ€“Azide Cycloaddition Catalysts. Organometallics, 2012, 31, 756-767.	2.3	74
231	Tandem deuteration/hydrosilylation reactions catalyzed by a rhodium carbene complex under solvent-free conditions. Chemical Communications, 2012, 48, 2794.	4.1	17
232	Synthetic routes to [Au(NHC)(OH)] (NHC = N-heterocyclic carbene) complexes. Dalton Transactions, 2012, 41, 5461.	3.3	55
233	Ruthenium Phenylindenyl Complex as an Efficient Transfer Hydrogenation Catalyst. Advanced Synthesis and Catalysis, 2012, 354, 3036-3044.	4.3	33
234	Phosphate binding to the [Au(IPr)] moiety: inner vs. outer sphere coordination behaviour. Dalton Transactions, 2012, 41, 8235.	3.3	12

#	Article	IF	Citations
235	Extending the utility of [Pd(NHC)(cinnamyl)Cl] precatalysts: Direct arylation of heterocycles. Beilstein Journal of Organic Chemistry, 2012, 8, 1637-1643.	2.2	58
236	An Efficient Palladiumâ€NHC (NHC=Nâ€Heterocyclic Carbene) and Aryl Amination Preâ€Catalyst: [Pd(IPr*)(cinnamyl)Cl]. Advanced Synthesis and Catalysis, 2012, 354, 1897-1901.	4.3	89
237	Dinuclear Gold Catalysis: Are Two Gold Centers Better than One?. Angewandte Chemie - International Edition, 2012, 51, 8156-8159.	13.8	164
238	[Pd(IPr*)(cinnamyl)Cl]: An Efficient Preâ€catalyst for the Preparation of Tetraâ€orthoâ€substituted Biaryls by Suzukiâ€“Miyaura Crossâ€Coupling. Chemistry - A European Journal, 2012, 18, 4517-4521.	3.3	164
239	N-Heterocyclic Carbene Gold(I) and Copper(I) Complexes in Câ€“H Bond Activation. Accounts of Chemical Research, 2012, 45, 778-787.	15.6	320
240	Gold(I)â€Catalyzed Stereoselective Synthesis of Alkenyl Phosphates by Hydrophosphoryloxylation. Chemistry - A European Journal, 2012, 18, 1064-1067.	3.3	23
241	From Olefin Metathesis Catalyst to Alcohol Racemization Catalyst in One Step. Angewandte Chemie - International Edition, 2012, 51, 1042-1045.	13.8	54
242	Ruthenium Hydroxide Complexes in the Racemization of Secondary Alcohols. Organometallics, 2011, 30, 6347-6350.	2.3	20
243	Highly Active Well-Defined Palladium Precatalysts for the Efficient Amination of Aryl Chlorides. Organometallics, 2011, 30, 4432-4436.	2.3	46
244	Direct Câ€“H carboxylation with complexes of the coinage metals. Chemical Communications, 2011, 47, 3021-3024.	4.1	136
245	Continuous flow homogeneous alkene metathesis with built-in catalyst separation. Green Chemistry, 2011, 13, 1187.	9.0	86
246	Decarboxylation of aromatic carboxylic acids by gold(<scp>i</scp>)-N-heterocyclic carbene (NHC) complexes. Chemical Communications, 2011, 47, 5455-5457.	4.1	92
247	Catalytic deuteration of silanes mediated by N-heterocyclic carbene-Ir(iii) complexes. Chemical Communications, 2011, 47, 9723.	4.1	36
248	Well-defined [Rh(NHC)(OH)] complexes enabling the conjugate addition of arylboronic acids to Î±,Î²-unsaturated ketones. Organic and Biomolecular Chemistry, 2011, 9, 7038.	2.8	38
249	Synthesis, Characterization, and Reactivity of N-Heterocyclic Carbene Palladium(II) Hydroxide Dimers. Organometallics, 2011, 30, 4494-4496.	2.3	41
250	Gold(i)-catalyzed synthesis of furans and pyrroles via alkyne hydration. Catalysis Science and Technology, 2011, 1, 58.	4.1	75
251	Highly Active Iridium(III)â€“NHC System for the Catalytic Bâ€“N Bond Activation and Subsequent Solvolysis of Ammoniaâ€“Borane. Organometallics, 2011, 30, 5487-5492.	2.3	42
252	Luminescent Hyperbranched Polymers: Combining Thiol-Yne Chemistry with Gold-Mediated Câ^'H Bond Activation. Organometallics, 2011, 30, 1315-1318.	2.3	47

#	Article	IF	Citations
253	Polymerization of Racemic Î²-Butyrolactone Using Gold Catalysts: A Simple Access to Biodegradable Polymers. Organometallics, 2011, 30, 2650-2653.	2.3	39
254	Selectivity Switch in the Synthesis of Vinylgold(I) Intermediates. Organometallics, 2011, 30, 6328-6337.	2.3	116
255	Oxygen Binding to [Pd(L)(Lâ€²)] (L= NHC, Lâ€² = NHC or PR3, NHC =N-Heterocyclic Carbene). Synthesis and Structure of a Paramagnetictrans-[Pd(NHC)2(Î·1-O2)2] Complex. Journal of the American Chemical Society, 2011, 133, 1290-1293.	13.7	49
256	The influence of N-heterocyclic carbene steric and electronic properties in Ru-catalysed cross metathesis reactions. Journal of Organometallic Chemistry, 2011, 696, 3935-3938.	1.8	15
257	A combined mechanistic and computational study of the gold(I)-catalyzed formation of substituted indenes. Organic and Biomolecular Chemistry, 2011, 9, 101-104.	2.8	54
258	Influence of a Very Bulky N-Heterocyclic Carbene in Gold-Mediated Catalysis. Organometallics, 2011, 30, 5463-5470.	2.3	92
259	N-Heterocyclic carbene (NHC) ligands and palladium in homogeneous cross-coupling catalysis: a perfect union. Chemical Society Reviews, 2011, 40, 5151.	38.1	1,106
260	Steric and Electronic Parameters Characterizing Bulky and Electron-Rich Dialkylbiarylphosphines. Organometallics, 2011, 30, 1668-1676.	2.3	40
261	The Development and Catalytic Uses of N-Heterocyclic Carbene Gold Complexes. Accounts of Chemical Research, 2011, 44, 91-100.	15.6	591
262	Synthesis of N-heterocyclic carbene ligands and derived ruthenium olefin metathesis catalysts. Nature Protocols, 2011, 6, 69-77.	12.0	171
263	N-Heterocyclic Carbene Complexes of Au, Pd, and Pt as Effective Catalysts in Organic Synthesis. Topics in Current Chemistry, 2011, 302, 131-155.	4.0	50
264	Simple synthetic routes to rutheniumâ€“indenylidene olefin metathesis catalysts. Chemical Communications, 2011, 47, 5022.	4.1	45
265	Expeditious convergent procedure for the preparation of bis(POC) prodrugs of new (E)-4-phosphono-but-2-en-1-yl nucleosides. Tetrahedron, 2011, 67, 5319-5328.	1.9	32
266	Gold(I)â€Catalyzed Tandem Alkoxylation/Lactonization of Î³â€Hydroxyâ€Î±,Î²â€Acetylenic Esters. Advanced Synthesis and Catalysis, 2011, 353, 1575-1583.	4.3	26
267	The Shortest Strategy for Generating Phosphonate Prodrugs by Olefin Crossâ€Metathesis â€“ Application to Acyclonucleoside Phosphonates. European Journal of Organic Chemistry, 2011, 2011, 7324-7330.	2.4	16
268	[{Au(IPr)}₂(Î¼â€OH)]X Complexes: Synthetic, Structural and Catalytic Studies. Chemistry - A European Journal, 2011, 17, 1238-1246.	3.3	111
269	Olefin Metathesis Featuring Ruthenium Indenylidene Complexes with a Sterically Demanding NHC Ligand. Chemistry - A European Journal, 2011, 17, 5045-5053.	3.3	56
270	Cytotoxicity of Gold(I) Nâ€Heterocyclic Carbene Complexes Assessed by Using Human Tumor Cell Lines. Chemistry - A European Journal, 2011, 17, 6620-6624.	3.3	86

#	Article	IF	Citations
271	Efficient silver-free gold(I)-catalyzed hydration of alkynes at low catalyst loading. Journal of Organometallic Chemistry, 2011, 696, 7-11.	1.8	96
272	Gold-mediated synthesis of Î±-ionone. Tetrahedron Letters, 2011, 52, 1124-1127.	1.4	32
273	The role of silver additives in gold-mediated Câ€“H functionalisation. Beilstein Journal of Organic Chemistry, 2011, 7, 892-896.	2.2	40
274	N-Heterocyclic Carbeneâ^'Ruthenium Complexes for the Racemization of Chiral Alcohols. Journal of Organic Chemistry, 2010, 75, 2039-2043.	3.2	40
275	Modified [(IPr)Pd(Râ€acac)Cl] Complexes: Influence of the acac Substitution on the Catalytic Activity in Aryl Amination. Chemistry - an Asian Journal, 2010, 5, 841-846.	3.3	25
276	[(NHC)CuX] complexes: Synthesis, characterization and catalytic activities in reduction reactions and Click Chemistry. On the advantage of using well-defined catalytic systems. Dalton Transactions, 2010, 39, 7595.	3.3	197
277	Mechanism of Racemization of Chiral Alcohols Mediated by 16-Electron Ruthenium Complexes. Journal of the American Chemical Society, 2010, 132, 13146-13149.	13.7	61
278	Ringâ€Rearrangement Metathesis (RRM) Mediated by Rutheniumâ€Indenylidene Complexes. European Journal of Organic Chemistry, 2010, 2010, 937-943.	2.4	27
279	The Influence of Phosphane Ligands on the Versatility of Rutheniumâ€“Indenylidene Complexes in Metathesis. Chemistry - A European Journal, 2010, 16, 9215-9225.	3.3	59
280	Development of Versatile and Silverâ€Free Protocols for Gold(I) Catalysis. Chemistry - A European Journal, 2010, 16, 13729-13740.	3.3	175
281	Carboxylation of Nï£¿H/Cï£¿H Bonds Using Nâ€Heterocyclic Carbene Copper(I) Complexes. Angewandte Chemie - International Edition, 2010, 49, 8674-8677.	13.8	309
282	The Meyerâ€“Schuster rearrangement: a new synthetic strategy leading to prostaglandins and their drug analogs, Bimatoprost and Latanoprost. Tetrahedron, 2010, 66, 7472-7478.	1.9	37
283	Halide exchanged Hoveyda-type complexes in olefin metathesis. Beilstein Journal of Organic Chemistry, 2010, 6, 1091-1098.	2.2	52
284	Backbone tuning in indenylideneâ€“ruthenium complexes bearing an unsaturated N-heterocyclic carbene. Beilstein Journal of Organic Chemistry, 2010, 6, 1120-1126.	2.2	63
285	Au/Ag-Cocatalyzed Aldoximes to Amides Rearrangement under Solvent- and Acid-Free Conditions. Journal of Organic Chemistry, 2010, 75, 1197-1202.	3.2	139
286	Carboxylation of Câ^'H Bonds Using N-Heterocyclic Carbene Gold(I) Complexes. Journal of the American Chemical Society, 2010, 132, 8858-8859.	13.7	464
287	Solution Calorimetric Study of Ligand Exchange Reactions in the [Au(L)Cl] System (L = Phosphine and) Tj ETQq1 1 0.784314 rgBT /Ov	2.3	31
288	Ruthenium Complexes Bearing Two N-Heterocyclic Carbene Ligands in Low Catalyst Loading Olefin Metathesis Reactions. Organometallics, 2010, 29, 3007-3011.	2.3	44

#	Article	IF	Citations
289	Chemoselective olefin metathesis transformations mediated by ruthenium complexes. Chemical Society Reviews, 2010, 39, 3305.	38.1	203
290	Ruthenium Olefin Metathesis Catalysts with N-Heterocyclic Carbene Ligands Bearing N-Naphthyl Side Chains. Organometallics, 2010, 29, 775-788.	2.3	52
291	Percent buried volume for phosphine and N-heterocyclic carbene ligands: steric properties in organometallic chemistry. Chemical Communications, 2010, 46, 841.	4.1	878
292	A N-heterocyclic carbene gold hydroxide complex: a golden synthon. Chemical Communications, 2010, 46, 2742.	4.1	276
293	A Versatile Cuprous Synthon: [Cu(IPr)(OH)] (IPr = 1,3 bis(diisopropylphenyl)imidazol-2-ylidene). Organometallics, 2010, 29, 3966-3972.	2.3	118
294	Mixed Phosphite/N-Heterocyclic Carbene Complexes: Synthesis, Characterization and Catalytic Studies. Organometallics, 2010, 29, 1443-1450.	2.3	90
295	Ligand influence in the selective gold-mediated synthesis of allenes. Chemical Communications, 2010, 46, 9113.	4.1	53
296	Gold-Catalyzed Meyerâ^'Schuster Rearrangement: Application to the Synthesis of Prostaglandins. Organometallics, 2010, 29, 3665-3668.	2.3	70
297	Expeditious Synthesis of [Au(NHC)(L)]⁺ (NHC = N-Heterocyclic Carbene; L = Phosphine or) Tj ETQq1 1 0.784314 rgBT /O	2.3	84
298	Synthetic and Structural Studies of [AuCl₃(NHC)] Complexes. Organometallics, 2010, 29, 394-402.	2.3	135
299	Unusual reactivities of N-heterocyclic carbenes upon coordination to the platinum(ii)â€“dimethyl moiety. Chemical Communications, 2010, 46, 1050.	4.1	51
300	Flexible cycloalkyl-substituted N-heterocyclic carbenes. Dalton Transactions, 2010, 39, 3923.	3.3	22
301	A versatile gold synthon for acetylene Câ€“H bond activation. Dalton Transactions, 2010, 39, 10382.	3.3	59
302	Building Indenylideneâ€“Ruthenium Catalysts for Metathesis Transformations. NATO Science for Peace and Security Series A: Chemistry and Biology, 2010, , 39-47.	0.5	1
303	Goldâ€•and Platinumâ€Catalyzed Cycloisomerization of Enynyl Esters versus Allenenyl Esters: An Experimental and Theoretical Study. Chemistry - A European Journal, 2009, 15, 3243-3260.	3.3	129
304	Toxicity of Copper(I)â€“NHC Complexes Against Human Tumor Cells: Induction of Cell Cycle Arrest, Apoptosis, and DNA Cleavage. Chemistry - A European Journal, 2009, 15, 314-318.	3.3	86
305	Hydrogenation of Cï£¿C Multiple Bonds Mediated by [Pd(NHC)(PCy₃)] (NHC=Nâ€Heterocyclic) Tj ETQq1 1 0.784314 rg	3.3	64
306	Chemodivergent Metathesis of Dienynes Catalyzed by Rutheniumâ€“Indenylidene Complexes: An Experimental and Computational Study. Chemistry - A European Journal, 2009, 15, 10244-10254.	3.3	60

#	Article	IF	Citations
307	Gold Activation of Nitriles: Catalytic Hydration to Amides. Chemistry - A European Journal, 2009, 15, 8695-8697.	3.3	175
308	[Pd(NHC)(allyl)Cl] Complexes: Synthesis and Determination of the NHC Percent Buried Volume (%V_{bur}) Steric Parameter. European Journal of Inorganic Chemistry, 2009, 2009, 1767-1773.	2.0	82
309	N-Heterocyclic Carbenes. European Journal of Inorganic Chemistry, 2009, 2009, 1664-1664.	2.0	4
310	Click Azideâ€Alkyne Cycloaddition for the Synthesis of <scp>D</scp>â€(â€“)â€1,4â€Disubstituted Triazoloâ€Carbanucleosides. European Journal of Organic Chemistry, 2009, 2009, 1880-1888.	2.4	26
311	Towards Longâ€Living Metathesis Catalysts by Tuning the Nâ€Heterocyclic Carbene (NHC) Ligand on Trifluoroacetamideâ€Activated Boomerang Ru Complexes. European Journal of Organic Chemistry, 2009, 2009, 4254-4265.	2.4	75
312	Activation of Hydrogen by Palladium(0): Formation of the Mononuclear Dihydride Complextransâ€[Pd(H)₂(IPr)(PCy₃)]. Angewandte Chemie - International Edition, 2009, 48, 5182-5186.	13.8	53
313	[(NHC)AuCl]-catalyzed Meyerâ€“Schuster rearrangement: scope and limitations. Tetrahedron, 2009, 65, 1767-1773.	1.9	101
314	Synthesis of (Â±)-1,2,3-triazolo-3â€²-deoxy-4â€²-hydroxymethyl carbanucleosides via â€˜clickâ€™ cycloaddition. Tetrahedron, 2009, 65, 1162-1170.	1.9	25
315	Cationic NHCâ€“gold(I) complexes: Synthesis, isolation, and catalytic activity. Journal of Organometallic Chemistry, 2009, 694, 551-560.	1.8	163
316	Carbenes: Synthesis, properties, and organometallic chemistry. Coordination Chemistry Reviews, 2009, 253, 862-892.	18.8	853
317	N-Heterocyclic Carbenes in Late Transition Metal Catalysis. Chemical Reviews, 2009, 109, 3612-3676.	47.7	2,800
318	[(NHC)Au^I]-Catalyzed Acid-Free Alkyne Hydration at Part-per-Million Catalyst Loadings. Journal of the American Chemical Society, 2009, 131, 448-449.	13.7	432
319	Highly Active [Pd(Î¼-Cl)(Cl)(NHC)]₂ (NHC = N-Heterocyclic Carbene) in the Cross-Coupling of Grignard Reagents with Aryl Chlorides. Organometallics, 2009, 28, 2915-2919.	2.3	71
320	Improving Grubbsâ€™ II type ruthenium catalysts by appropriately modifying the N-heterocyclic carbene ligand. Chemical Communications, 2009, , 3783.	4.1	58
321	N-Heterocyclic carbene containing complexes in catalysis. Annual Reports on the Progress of Chemistry Section B, 2009, 105, 232.	0.9	61
322	A Comparative Study on (NHC)Pd(acac)Cl Complexes (NHC = N-heterocyclic carbene): Indications for the Origin of the Different Reactivity of Saturated and Unsaturated NHC in Cross-Coupling Reactions. Organometallics, 2009, 28, 5809-5813.	2.3	66
323	Mechanism of the [(NHC)AuI]-Catalyzed Rearrangement of Allylic Acetates. A DFT Study. Organic Letters, 2009, 11, 81-84.	4.6	42
324	Indenylidene Ruthenium Complex Bearing a Sterically Demanding NHC Ligand: An Efficient Catalyst for Olefin Metathesis at Room Temperature. Organometallics, 2009, 28, 2848-2854.	2.3	106

#	Article	IF	Citations
325	Platinum(II) mediated Csp3-H activation of tetramethylthiourea. Dalton Transactions, 2009, , 8107.	3.3	12
326	Synthesis and characterization of IPrMe-containing silver(I), gold(I) and gold(III) complexes. Dalton Transactions, 2009, , 6967.	3.3	62
327	Mechanism of dihydride formation and hydrogen/deuterium exchange in a cationic iridium(III) complex. Canadian Journal of Chemistry, 2009, 87, 1362-1368.	1.1	7
328	å«çª'ç´ãƒ˜ãƒ†ãƒç'°ã,«ãƒ«ãƒ™ãƒ³(NHC)-PdéŒ¯ä½"ï¼šå·¥æ¥çš„ã«å¿œç"¨è•ƒ½ãªã,¯ãƒã,¹ã,«ãƒƒãƒ—ãƒªãƒ³ã,°è§¦åª'Yuki Gosei Kagaku		
329	Synthesis and Characterization of [Cu(NHC)₂]X Complexes: Catalytic and Mechanistic Studies of Hydrosilylation Reactions. Chemistry - A European Journal, 2008, 14, 158-168.	3.3	145
330	A General Synthetic Route to Mixed NHCâ€"Phosphane Palladium(0) Complexes (NHC=Nâ€Heterocyclic) Tj ETQq0 0 0 rgBT /Overlock 10	3.3	80
331	Golden Carousel in Catalysis: The Cationic Gold/Propargylic Ester Cycle. Angewandte Chemie - International Edition, 2008, 47, 718-721.	13.8	265
332	[(NHC)₂Cu]X Complexes as Efficient Catalysts for Azideâ€"Alkyne Click Chemistry at Low Catalyst Loadings. Angewandte Chemie - International Edition, 2008, 47, 8881-8884.	13.8	257
333	Rutheniumâ€Indenylidene Complexes: Scope in Crossâ€Metathesis Transformations. Advanced Synthesis and Catalysis, 2008, 350, 2959-2966.	4.3	46
334	Preparation of acyclo nucleoside phosphonate analogues based on cross-metathesis. Tetrahedron, 2008, 64, 3517-3526.	1.9	39
335	Rutheniumâ€"indenylidene complexes in ring opening metathesis polymerization (ROMP) reactions. Journal of Molecular Catalysis A, 2008, 283, 108-113.	4.8	29
336	Well-Defined N-Heterocyclic Carbenesâ^'Palladium(II) Precatalysts for Cross-Coupling Reactions. Accounts of Chemical Research, 2008, 41, 1440-1449.	15.6	994
337	Rutheniumâ€"indenylidene complexes: powerful tools for metathesis transformations. Chemical Communications, 2008, , 2726.	4.1	153
338	N-Heterocyclic carbene-containing complexes in catalysis. Annual Reports on the Progress of Chemistry Section B, 2008, 104, 184.	0.9	53
339	N-Heterocyclic Carbenes (NHCs) ContainingN-C-Palladacycle Complexes: Synthesis and Reactivity in Aryl Amination Reactions. Organometallics, 2008, 27, 5525-5531.	2.3	82
340	A [(NHC)CuCl] complex as a latent Click catalyst. Chemical Communications, 2008, , 4747.	4.1	143
341	Aminocarbonyl Group Containing Hoveydaâ^'Grubbs-Type Complexes: Synthesis and Activity in Olefin Metathesis Transformations. Journal of Organic Chemistry, 2008, 73, 4225-4228.	3.2	91
342	N-Heterocyclic carbenes in gold catalysis. Chemical Society Reviews, 2008, 37, 1776.	38.1	698

#	Article	IF	Citations
343	Thermodynamic, Kinetic, and Computational Study of Heavier Chalcogen (S, Se, and Te) Terminal Multiple Bonds to Molybdenum, Carbon, and Phosphorus. Inorganic Chemistry, 2008, 47, 2133-2141.	4.0	40
344	Synthetic, Structural, and Thermochemical Studies of N-Heterocyclic Carbene (NHC) and Tertiary Phosphine Ligands in the [(L)₂Ni(CO)₂] (L = PR₃, NHC) System. Organometallics, 2008, 27, 3181-3186.	2.3	78
345	Determination of N-Heterocyclic Carbene (NHC) Steric and Electronic Parameters using the [(NHC)Ir(CO)₂Cl] System. Organometallics, 2008, 27, 202-210.	2.3	541
346	Copper, Silver, and Gold Complexes in Hydrosilylation Reactions. Accounts of Chemical Research, 2008, 41, 349-358.	15.6	342
347	Phosphabicyclononane-Containing Ru Complexes:â€‰ Efficient Pre-Catalysts for Olefin Metathesis Reactions. Journal of Organic Chemistry, 2008, 73, 259-263.	3.2	47
348	Thermodynamics of N-Heterocyclic Carbene Dimerization: The Balance of Sterics and Electronics. Organometallics, 2008, 27, 2679-2681.	2.3	213
349	Room-temperature activation of aryl chlorides in Suzukiâ€“Miyaura coupling using a [Pd(Î¼-Cl)Cl(NHC)]2 complex (NHC = N-heterocyclic carbene). Chemical Communications, 2008, , 3190.	4.1	119
350	Gold-promoted styrene polymerization. Chemical Communications, 2008, , 759-761.	4.1	48
351	[(NHC)Au^I]-Catalyzed Rearrangement of Allylic Acetates. Organic Letters, 2008, 10, 1037-1037.	4.6	12
352	Ionic Liquid Anchored â€œBoomerangâ€•Catalysts Bearing Saturated and Unsaturated NHCs: Recyclability in Biphasic Media for Cross-Metathesis. Organometallics, 2008, 27, 2287-2292.	2.3	56
353	Study of Copper(I) Catalysts for the Synthesis of Carbanucleosides via Azide-Alkyne 1,3-Dipolar Cycloaddition. Synthesis, 2008, 2008, 141-148.	2.3	9
354	Microwave-Assisted Silylation-Amination of Uracil Acyclonucleosides to 4-Alkylamino-2(1H)-Pyrimidinone Analogues. Synthesis, 2008, 2008, 2127-2133.	2.3	1
355	Study of Different Copper (I) Catalysts for the â€œClick Chemistryâ€•Approach to Carbanucleosides. Nucleosides, Nucleotides and Nucleic Acids, 2007, 26, 779-783.	1.1	16
356	Alkyne-Azide Click Chemistry Mediated Carbanucleosides Synthesis. Nucleosides, Nucleotides and Nucleic Acids, 2007, 26, 1391-1394.	1.1	18
357	Cross-Metathesis Mediated Synthesis of New Acyclic Nucleoside Phosphonates. Nucleosides, Nucleotides and Nucleic Acids, 2007, 26, 1399-1402.	1.1	3
358	N-Heterocyclic Carbene-Copper(I) Complexes in Homogeneous Catalysis. Synlett, 2007, 2007, 2158-2167.	1.8	123
359	Insertion of a N-Heterocyclic Carbene (NHC) into a Platinumâ^'Olefin Bond. Organometallics, 2007, 26, 3286-3288.	2.3	49
360	Electronic Properties of N-Heterocyclic Carbene (NHC) Ligands:â€‰ Synthetic, Structural, and Spectroscopic Studies of (NHC)Platinum(II) Complexes. Organometallics, 2007, 26, 5880-5889.	2.3	181

#	Article	IF	Citations
361	TRANSITION METAL-CATALYZED HYDROSILYLATION OF CARBONYL COMPOUNDS AND IMINES. A REVIEW. Organic Preparations and Procedures International, 2007, 39, 523-559.	1.3	123
362	Synthesis, Characterization and Reactivity of N-Heterocyclic Carbene Gold(III) Complexes. Organometallics, 2007, 26, 1376-1385.	2.3	189
363	Synthesis, Characterization, and Structure of [GaCl3(NHC)] Complexes. Organometallics, 2007, 26, 3256-3259.	2.3	55
364	[(NHC)AuI]-Catalyzed Rearrangement of Allylic Acetates. Organic Letters, 2007, 9, 2653-2656.	4.6	127
365	Copperâ^'Carbene Complexes as Catalysts in the Synthesis of Functionalized Styrenes and Aliphatic Alkenes. Journal of Organic Chemistry, 2007, 72, 144-149.	3.2	89
366	N-Heterocyclic carbenes: advances in transition metal-mediated transformations and organocatalysis. Annual Reports on the Progress of Chemistry Section B, 2007, 103, 193.	0.9	86
367	[(NHC)AuI]-Catalyzed Formation of Conjugated Enones and Enals: An Experimental and Computational Study. Chemistry - A European Journal, 2007, 13, 6437-6451.	3.3	180
368	Nâ€Heterocyclic Carbene and Phosphine Ruthenium Indenylidene Precatalysts: A Comparative Study in Olefin Metathesis. Chemistry - A European Journal, 2007, 13, 8029-8036.	3.3	142
369	N-Heterocyclic Carbenes as Organocatalysts. Angewandte Chemie - International Edition, 2007, 46, 2988-3000.	13.8	1,384
370	Propargylic Esters in Gold Catalysis: Access to Diversity. Angewandte Chemie - International Edition, 2007, 46, 2750-2752.	13.8	462
371	Sustainable Concepts in Olefin Metathesis. Angewandte Chemie - International Edition, 2007, 46, 6786-6801.	13.8	328
372	Nâ€Heterocyclic Carbeneâ€“Palladium Complexes [(NHC)Pd(acac)Cl]: Improved Synthesis and Catalytic Activity in Largeâ€Scale Crossâ€Coupling Reactions. Advanced Synthesis and Catalysis, 2007, 349, 2380-2384.	4.3	74
373	Stereoelectronic parameters associated with N-heterocyclic carbene (NHC) ligands: A quest for understanding. Coordination Chemistry Reviews, 2007, 251, 874-883.	18.8	822
374	Vibrational and electronic spectra and the electronic structure of an unsaturated Arduengo-type carbene. Mendeleev Communications, 2007, 17, 92-94.	1.6	10
375	Catalytic gold rush. Nature, 2007, 445, 496-497.	27.8	45
376	Synthesis and Activity in Ring-Closing Metathesis of Phosphine and NHC-Containing Rutheniumâ€“Indenylidene (Bis)Pyridine Complexes. NATO Science Series Series II, Mathematics, Physics and Chemistry, 2007, , 29-37.	0.1	3
377	Well-Defined (NHC)Pd (II) Complexes and Their Use in Câ€“C and Câ€“N Bond-Forming Reactions. , 2007, , 231-247.		0
378	Palladium-catalyzed Reactions Using NHC Ligands. Topics in Organometallic Chemistry, 2006, , 47-82.	0.7	21

#	Article	IF	Citations
379	Synthesis and Characterization of Gold(I)N-Heterocyclic Carbene Complexes Bearing Biologically Compatible Moieties. Organometallics, 2006, 25, 5824-5828.	2.3	65
380	Suzukiâˆ'Miyaura, Î±-Ketone Arylation and Dehalogenation Reactions Catalyzed by a Versatile N-Heterocyclic Carbeneâˆ'Palladacycle Complex. Journal of Organic Chemistry, 2006, 71, 685-692.	3.2	244
381	Homogeneous Nickel Catalysts for the Selective Transfer of a Single Arylthio Group in the Catalytic Hydrothiolation of Alkynes. Organometallics, 2006, 25, 4462-4470.	2.3	157
382	AuI-catalyzed cycloisomerization of 1,5-enynes bearing a propargylic acetate: formation of unexpected bicyclo[3.1.0]hexene. Chemical Communications, 2006, , 2048-2050.	4.1	141
383	(IPr)Pd(acac)Cl:â€‰ An Easily Synthesized, Efficient, and Versatile Precatalyst for Câˆ'N and Câˆ'C Bond Formation. Journal of Organic Chemistry, 2006, 71, 3816-3821.	3.2	174
384	Modified (NHC)Pd(allyl)Cl (NHC =N-Heterocyclic Carbene) Complexes for Room-Temperature Suzukiâˆ'Miyaura and Buchwaldâˆ'Hartwig Reactions. Journal of the American Chemical Society, 2006, 128, 4101-4111.	13.7	844
385	N-Heterocyclic carbenes: Advances in transition metal and organic catalysis. Annual Reports on the Progress of Chemistry Section B, 2006, 102, 168.	0.9	21
386	N-Heterocyclic Carbene-Ruthenium Complexes in Olefin Metathesis. , 2006, , 1-25.		13
387	Ruthenium N-Heterocyclic Carbene Complexes in Organic Transformations (Excluding Metathesis). , 2006, , 27-53.		6
388	Cross-coupling Reactions Catalyzed by Palladium N-Heterocyclic Carbene Complexes. , 2006, , 55-72.		11
389	Pd-NHC Complexes as Catalysts in Telomerization and Aryl Amination Reactions. , 2006, , 73-102.		10
390	Metal-mediated and -catalyzed Oxidations Using N-Heterocyclic Carbene Ligands. , 2006, , 103-118.		5
391	Efficient and Selective Hydrosilylation of Alkenes and Alkynes Catalyzed by Novel N-Heterocyclic Carbene Pt0 Complexes. , 2006, , 119-161.		11
392	Ni-NHC Mediated Catalysis. , 2006, , 163-182.		7
393	Asymmetric Catalysis with Metal N-Heterocyclic Carbene Complexes. , 2006, , 183-222.		3
394	Chelate and Pincer Carbene Complexes. , 2006, , 223-239.		3
395	The Quest for Longevity and Stability of Iridium-based Hydrogenation Catalysts: N-Heterocyclic Carbenes and Crabtreeâ€²s Catalyst. , 2006, , 241-255.		3
396	Cu-, Ag-, and Au-NHC Complexes in Catalysis. , 2006, , 257-274.		5

#	Article	IF	Citations
397	N-Heterocyclic Carbenes as Organic Catalysts. , 2006, , 275-296.		22
398	A Three-Component Tandem Reductive Aldol Reaction Catalyzed by N-Heterocyclic Carbeneâ^'Copper Complexes. Organic Letters, 2006, 8, 6059-6062.	4.6	86
399	Alkane Carbonâ^'Hydrogen Bond Functionalization with (NHC)MCl Precatalysts (M = Cu, Au; NHC =) Tj ETQq1 1 0.784314 rgBT /Over	2.3	164
400	A pyridine-containing rutheniumâ€"indenylidene complex: Synthesis and activity in ring-closing metathesis. Journal of Organometallic Chemistry, 2006, 691, 5444-5447.	1.8	49
401	Cationic Copper(I) Complexes as Efficient Precatalysts for the Hydrosilylation of Carbonyl Compounds. Organometallics, 2006, 25, 2355-2358.	2.3	154
402	Synthesis, isolation and characterization of cationic gold(i) N-heterocyclic carbene (NHC) complexes. Chemical Communications, 2006, , 2045-2047.	4.1	109
403	Synthesis of Novel (NHC)Pd(acac)Cl Complexes (acac: Acetylacetonate) and Their Activity in Cross-Coupling Reactions.. ChemInform, 2006, 37, no.	0.0	0
404	Rapid Room Temperature Buchwaldâ€"Hartwig and Suzukiâ€"Miyaura Couplings of Heteroaromatic Compounds Employing Low Catalyst Loadings. Chemistry - A European Journal, 2006, 12, 5142-5148.	3.3	314
405	(NHC)Copper(I)-Catalyzed [3+2] Cycloaddition of Azides and Mono- or Disubstituted Alkynes. Chemistry - A European Journal, 2006, 12, 7558-7564.	3.3	343
406	AuI-Catalyzed Tandem [3,3] Rearrangementâ€"Intramolecular Hydroarylation: Mild and Efficient Formation of Substituted Indenes. Angewandte Chemie - International Edition, 2006, 45, 3647-3650.	13.8	311
407	Large-Scale One-Pot Synthesis of N-Heterocyclic Carbene-Pd(allyl)Cl Complexes. Synthesis, 2006, 2006, 366-367.	2.3	6
408	Palladium-catalyzed Reactions Using NHC Ligands. , 2006, , 47-82.		78
409	An efficient and mild protocol for the Î±-arylation of ketones mediated by an (imidazol-2-ylidene)palladium(acetate) system. Journal of Organometallic Chemistry, 2005, 690, 5832-5840.	1.8	34
410	Furan- and thiophene-functionalised bis-carbene ligands: Synthesis, silver(I) complexes, and catalysis. Journal of Organometallic Chemistry, 2005, 690, 6133-6142.	1.8	27
411	Synthesis and thermochemical study of ligand substitution reactions of aminobis(phosphines), Ph2P(R)NPPh2, with [Me2Pt(COD)]. Inorganica Chimica Acta, 2005, 358, 2817-2820.	2.4	6
412	Efficient synthesis of various acycloalkenyl derivatives of pyrimidine using cross-metathesis and Pd(0) methodologies. Tetrahedron, 2005, 61, 537-544.	1.9	47
413	Metathesis strategy in nucleoside chemistry. Tetrahedron, 2005, 61, 7067-7080.	1.9	67
414	Synthesis of novel (NHC)Pd(acac)Cl complexes (acac=acetylacetonate) and their activity in cross-coupling reactions. Tetrahedron, 2005, 61, 9716-9722.	1.9	105

#	Article	IF	Citations
415	Stabilization of Organometallic Species Achieved by the Use of Nâ€Heterocyclic Carbene (NHC) Ligands. European Journal of Inorganic Chemistry, 2005, 2005, 1815-1828.	2.0	436
416	An Electron-Deficient Iridium(III) Dihydride Complex Capable of Intramolecular Cï£¿H Activation. Angewandte Chemie - International Edition, 2005, 44, 2512-2515.	13.8	92
417	A Gold Catalyst for Carbene-Transfer Reactions from Ethyl Diazoacetate. Angewandte Chemie - International Edition, 2005, 44, 5284-5288.	13.8	422
418	Reactivity of a N-Heterocyclic Carbene, 1,3-Di-(1-adamantyl) Imidazol-2-ylidene, with a Pseudo-Acid: Structural Characterization of Claisen Condensation Adduct.. ChemInform, 2005, 36, no.	0.0	0
419	Carbenes: Reactivity and Catalysis. ChemInform, 2005, 36, no.	0.0	0
420	Efficient Synthesis of Various Acycloalkenyl Derivatives of Pyrimidine Using Cross-Metathesis and Pd(0) Methodologies.. ChemInform, 2005, 36, no.	0.0	0
421	Stabilization of Organometallic Species Achieved by the Use of N-Heterocyclic Carbene (NHC) Ligands. ChemInform, 2005, 36, no.	0.0	0
422	Simple (Imidazol-2-ylidene)-Pd-acetate Complexes as Effective Precatalysts for Sterically Hindered Suzukiâ€"Miyaura Couplings.. ChemInform, 2005, 36, no.	0.0	0
423	Metathesis Strategy in Nucleoside Chemistry. ChemInform, 2005, 36, no.	0.0	0
424	A Simple and Efficient Copper-Catalyzed Procedure for the Hydrosilylation of Hindered and Functionalized Ketones.. ChemInform, 2005, 36, no.	0.0	0
425	A Simple and Efficient Copper-Catalyzed Procedure for the Hydrosilylation of Hindered and Functionalized Ketones.. ChemInform, 2005, 36, no.	0.0	0
426	Olefin Metathesis Route to Antiviral Nucleosides. Current Topics in Medicinal Chemistry, 2005, 5, 1541-1558.	2.1	27
427	8ÂÂCarbene and transition metal-mediated transformations. Annual Reports on the Progress of Chemistry Section B, 2005, 101, 171.	0.9	33
428	Interaction of a BulkyN-Heterocyclic Carbene Ligand with Rh(I) and Ir(I). Double Câ^'H Activation and Isolation of Bare 14-Electron Rh(III) and Ir(III) Complexes. Journal of the American Chemical Society, 2005, 127, 3516-3526.	13.7	285
429	Steric and Electronic Properties of N-Heterocyclic Carbenes (NHC):Â A Detailed Study on Their Interaction with Ni(CO)4. Journal of the American Chemical Society, 2005, 127, 2485-2495.	13.7	591
430	Synthesis of Well-DefinedN-Heterocyclic Carbene Silver(I) Complexes. Organometallics, 2005, 24, 6301-6309.	2.3	306
431	Simple Synthesis of CpNi(NHC)Cl Complexes (Cp = Cyclopentadienyl; NHC = N-Heterocyclic Carbene). Organometallics, 2005, 24, 3442-3447.	2.3	163
432	Simple (Imidazol-2-ylidene)-Pd-Acetate Complexes as Effective Precatalysts for Sterically Hindered Suzukiâ^'Miyaura Couplings. Organic Letters, 2005, 7, 1829-1832.	4.6	194

#	Article	IF	Citations
433	N-Heterocyclic Carbenes as Activating Ligands for Hydrogenation and Isomerization of Unactivated Olefins. Organometallics, 2005, 24, 1056-1058.	2.3	73
434	Synthesis and Structural Characterization of N-Heterocyclic Carbene Gold(I) Complexes. Organometallics, 2005, 24, 2411-2418.	2.3	457
435	A Simple and Efficient Copper-Catalyzed Procedure for the Hydrosilylation of Hindered and Functionalized Ketones. Journal of Organic Chemistry, 2005, 70, 4784-4796.	3.2	200
436	Synthesis of phosphorus esters by transesterification mediated by N-heterocyclic carbenes (NHCs). Chemical Communications, 2005, , 5456.	4.1	49
437	Suzuki Coupling Reactions. , 2005, , 59-90.		1
438	Transesterification/Acylation Reactions Catalyzed by Molecular Catalysts. Synthesis, 2004, 2004, 971-985.	2.3	10
439	Synthetic and Structural Studies of (NHC)Pd(allyl)Cl Complexes (NHC =N-heterocyclic carbene). Organometallics, 2004, 23, 1629-1635.	2.3	296
440	Cross Metathesis Allowing the Conversion of a Ruthenium Indenylidene Complex into Grubbs' Catalyst. Advanced Synthesis and Catalysis, 2004, 346, 917-920.	4.3	39
441	Synthesis of Unprotected and Borane-Protected Cyclic Phosphines Using Ru- and Mo-Based Olefin Metathesis Catalysts.. ChemInform, 2004, 35, no.	0.0	0
442	Catalytic Activity of Pd(II) and Pd(II)/DAB-R Systems for the Heck Arylation of Olefins.. ChemInform, 2004, 35, no.	0.0	0
443	A General Method for the Suzukiâ€"Miyaura Cross-Coupling of Sterically Hindered Aryl Chlorides: Synthesis of Di- and Tri-ortho-substituted Biaryls in 2-Propanol at Room Temperature.. ChemInform, 2004, 35, no.	0.0	0
444	Transesterification/Acylation of Secondary Alcohols Mediated by N-Heterocyclic Carbene Catalysts.. ChemInform, 2004, 35, no.	0.0	0
445	Recent Developments in the Use of N-Heterocyclic Carbenes: Applications in Catalysis. ChemInform, 2004, 35, no.	0.0	0
446	(NHC)CuI (NHC: N-Heterocyclic Carbene) Complexes as Efficient Catalysts for the Reduction of Carbonyl Compounds.. ChemInform, 2004, 35, no.	0.0	0
447	Structure and Reactivity of â€œUnusualâ€•N-Heterocyclic Carbene (NHC) Palladium Complexes Synthesized from Imidazolium Salts.. ChemInform, 2004, 35, no.	0.0	0
448	Cross-Coupling and Dehalogenation Reactions Catalyzed by (N-Heterocyclic carbene)Pd(allyl)Cl Complexes.. ChemInform, 2004, 35, no.	0.0	0
449	An Industrially Viable Catalyst System for Palladium-Catalyzed Telomerizations of 1,3-Butadiene with Alcohols. Chemistry - A European Journal, 2004, 10, 3891-3900.	3.3	125
450	An Industrially Viable Catalyst System for Palladium-Catalyzed Telomerizations of 1,3-Butadiene with Alcohols. Chemistry - A European Journal, 2004, 10, 4661-4661.	3.3	2

#	Article	IF	Citations
451	Synthesis of l-cyclopentenyl nucleosides using ring-closing metathesis and palladium-mediated allylic alkylation methodologies. Tetrahedron, 2004, 60, 8397-8404.	1.9	21
452	General and efficient methodology for the Suzukiâ€“Miyaura reaction in technical grade 2-propanol. Journal of Organometallic Chemistry, 2004, 689, 3722-3727.	1.8	58
453	Double Câ^'H Activation in a Rhâ^'NHC Complex Leading to the Isolation of a 14-Electron Rh(III) Complex. Journal of the American Chemical Society, 2004, 126, 5054-5055.	13.7	111
454	10ÂÂCarbenes: reactivity and catalysis. Annual Reports on the Progress of Chemistry Section B, 2004, 100, 231-249.	0.9	52
455	New Strategy for the Construction of a Monotetrahydrofuran Ring inAnnonaceousAcetogenin Based on a Ruthenium Ring-Closing Metathesis:Â Application to the Synthesis of Solamin. Journal of Organic Chemistry, 2004, 69, 5770-5773.	3.2	31
456	Structure and Reactivity of â€œUnusualâ€•N-Heterocyclic Carbene (NHC) Palladium Complexes Synthesized from Imidazolium Salts. Journal of the American Chemical Society, 2004, 126, 5046-5047.	13.7	363
457	Complete Control of the Chemoselectivity in Catalytic Carbene Transfer Reactions from Ethyl Diazoacetate:Â AnN-Heterocyclic Carbeneâ^'Cu System That Suppresses Diazo Coupling. Journal of the American Chemical Society, 2004, 126, 10846-10847.	13.7	115
458	(NHC)CuI (NHC = N-Heterocyclic Carbene) Complexes as Efficient Catalysts for the Reduction of Carbonyl Compounds. Organometallics, 2004, 23, 1157-1160.	2.3	283
459	Transesterification/Acylation of Secondary Alcohols Mediated by N-Heterocyclic Carbene Catalysts. Journal of Organic Chemistry, 2004, 69, 209-212.	3.2	169
460	Cross-Coupling and Dehalogenation Reactions Catalyzed by (N-Heterocyclic carbene)Pd(allyl)Cl Complexes. Journal of Organic Chemistry, 2004, 69, 3173-3180.	3.2	357
461	Reactivity of a N-heterocyclic carbene, 1,3-di-(1-adamantyl) imidazol-2-ylidene, with a pseudo-acid: structural characterization of Claisen condensation adduct. Chemical Communications, 2004, , 2890.	4.1	27
462	N-Heterocyclic Carbene Palladium Complexes Bearing Carboxylate Ligands and Their Catalytic Activity in the Hydroarylation of Alkynes. Organometallics, 2004, 23, 3752-3755.	2.3	118
463	Recent Developments in the Use of N-Heterocyclic Carbenes: Applications in Catalysis. ACS Symposium Series, 2003, , 323-341.	0.5	8
464	A new route to acyclic nucleosides via palladium-mediated allylic alkylation and cross-metathesis. Tetrahedron Letters, 2003, 44, 9177-9180.	1.4	21
465	Straightforward Synthesis of Labeled and Unlabeled Pyrimidine d4Ns via 2â€²,3â€²-Diyne seco Analogues through Olefin Metathesis Reactions. European Journal of Organic Chemistry, 2003, 2003, 666-671.	2.4	16
466	N-Heterocyclic Carbenes as Versatile Nucleophilic Catalysts for Transesterification/Acylation Reactions.. ChemInform, 2003, 34, no.	0.0	0
467	Well-Defined, Air-Stable (NHC)Pd(Allyl)Cl (NHC: N-Heterocyclic Carbene) Catalysts for the Arylation of Ketones.. ChemInform, 2003, 34, no.	0.0	0
468	Efficient Transesterification/Acylation Reactions Mediated by N-Heterocyclic Carbene Catalysts.. ChemInform, 2003, 34, no.	0.0	0

#	Article	IF	Citations
469	Synthesis, Characterization, and Catalytic Activity of N-Heterocyclic Carbene (NHC) Palladacycle Complexes.. ChemInform, 2003, 34, no.	0.0	0
470	Catalytic activity of Pd(II) and Pd(II)/DAB-R systems for the Heck arylation of olefins. Journal of Organometallic Chemistry, 2003, 687, 269-279.	1.8	112
471	A Combined Experimental and Theoretical Study Examining the Binding of N-Heterocyclic Carbenes (NHC) to the Cp*RuCl (Cp* = Î·5-C5Me5) Moiety:â€‰ Insight into Stereoelectronic Differences between Unsaturated and Saturated NHC Ligands. Organometallics, 2003, 22, 4322-4326.	2.3	400
472	Synthesis, Characterization, and Catalytic Activity ofN-Heterocyclic Carbene (NHC) Palladacycle Complexes. Organic Letters, 2003, 5, 1479-1482.	4.6	290
473	Synthesis of unprotected and borane-protected cyclic phosphines using Ru? and Mo? based olefin metathesis catalystsThis is one of a number of contributions from the current members of the Dyson Perrins Laboratory to mark the end of almost 90 years of organic chemistry research in that building, as all its current academic staff move across South Parks Road to a new purpose-built laboratory.. Organic and Biomolecular Chemistry, 2003, 1, 3820.	2.8	41
474	Telomerization of Amines Mediated by CationicN-Heterocyclic Carbene (NHC) Palladium Complexes. Organometallics, 2003, 22, 3175-3177.	2.3	94
475	A General Method for the Suzukiâ^'Miyaura Cross-Coupling of Sterically Hindered Aryl Chlorides:Â Synthesis of Di- and Tri-ortho-substituted Biaryls in 2-Propanol at Room Temperature. Journal of the American Chemical Society, 2003, 125, 16194-16195.	13.7	507
476	Binding of Specialty Phosphines to Metals:â€‰ Synthesis, Structure, and Solution Calorimetry of the Phosphirane Complex [PtMe2(iPrBABAR-Phos)2]. Organometallics, 2003, 22, 2202-2208.	2.3	24
477	Diphosphines Possessing Electronically Different Donor Groups:Â Synthesis and Coordination Chemistry of the Unsymmetrical Di(N-pyrrolyl)phosphino-Functionalized dppm Analogue Ph2PCH2P(NC4H4)2. Inorganic Chemistry, 2003, 42, 7227-7238.	4.0	17
478	Efficient Transesterification/Acylation Reactions Mediated byN-Heterocyclic Carbene Catalysts. Journal of Organic Chemistry, 2003, 68, 2812-2819.	3.2	229
479	Structural requirements for the interaction of combretastatins with tubulin: how important is the trimethoxy unit?. Organic and Biomolecular Chemistry, 2003, 1, 3033-3037.	2.8	126
480	Stable, Three-Coordinate Ni(CO)2(NHC) (NHC = N-Heterocyclic Carbene) Complexes Enabling the Determination of Niâ^'NHC Bond Energies. Journal of the American Chemical Society, 2003, 125, 10490-10491.	13.7	173
481	Synthesis of a hyaluronan neoglycopolymer by ring-opening metathesis polymerizationElectronic supplementary information (ESI) available: spectral data for compound 11, glycomonomer 14 and glycopolymer [A]. See http://www.rsc.org/suppdata/cc/b3/b301734f/. Chemical Communications, 2003, , 1518.	4.1	24
482	Synthesis of Biaryl, Arylamine and Aryl Ketone Compounds Using a Commercially Available Air- and Moisture-Stable Palladium Catalyst. Synthesis, 2003, 2003, 2590-2592.	2.3	1
483	Use of (NHC)Pd(Î·3-allyl)Cl (NHC =N-Heterocyclic Carbene) in a Palladium-mediated Approach toCryptocaryaAlkaloids. Synlett, 2003, 2003, 1871-1873.	1.8	3
484	How To Insulate a Reactive Site from a Perfluoroalkyl Group:Â Photoelectron Spectroscopy, Calorimetric, and Computational Studies of Long-Range Electronic Effects in Fluorous Phosphines P((CH2)m(CF2)7CF3)3. Journal of the American Chemical Society, 2002, 124, 1516-1523.	13.7	74
485	Regio- and Stereoselective Dimerization of Terminal Alkynes to Enynes Catalyzed by a Palladium/Imidazolium System. Journal of Organic Chemistry, 2002, 67, 591-593.	3.2	109
486	Ï€ Effects Involving Rhâ^'PZ3Compounds. The Quantitative Analysis of Ligand Effects (QALE). Organometallics, 2002, 21, 2758-2763.	2.3	56

#	Article	IF	Citations
487	Improved One-Pot Synthesis of Second-Generation Ruthenium Olefin Metathesis Catalysts. Organometallics, 2002, 21, 442-444.	2.3	62
488	Well-Defined, Air-Stable (NHC)Pd(Allyl)Cl (NHC = N-Heterocyclic Carbene) Catalysts for the Arylation of Ketones. Organic Letters, 2002, 4, 4053-4056.	4.6	236
489	N-Heterocyclic Carbenes as Versatile Nucleophilic Catalysts for Transesterification/Acylation Reactions. Organic Letters, 2002, 4, 3583-3586.	4.6	338
490	Activation and Reactivity of (NHC)Pd(allyl)Cl (NHC = N-Heterocyclic Carbene) Complexes in Cross-Coupling Reactions. Organometallics, 2002, 21, 5470-5472.	2.3	353
491	Suzukiâ^'Miyaura Cross-Coupling Reactions Mediated by Palladium/Imidazolium Salt Systems. Organometallics, 2002, 21, 2866-2873.	2.3	323
492	An Air-Stable Palladium/N-Heterocyclic Carbene Complex and Its Reactivity in Aryl Amination. Organic Letters, 2002, 4, 2229-2231.	4.6	233
493	Preparation and Activity of Recyclable Polymer-Supported Ruthenium Olefin Metathesis Catalysts. Organometallics, 2002, 21, 671-679.	2.3	96
494	Efficient Sonogashira Reactions of Aryl Bromides with Alkynylsilanes Catalyzed by a Palladium/Imidazolium Salt System. Organometallics, 2002, 21, 1020-1022.	2.3	125
495	The Cl2(PCy3)(IMes)Ru(ĩ...CHPh) catalyst: olefin metathesis versus olefin isomerization. Journal of Organometallic Chemistry, 2002, 643-644, 247-252.	1.8	113
496	Catalytic cross-coupling reactions mediated by palladium/nucleophilic carbene systems. Journal of Organometallic Chemistry, 2002, 653, 69-82.	1.8	462
497	Structural characterization and catalytic activity of the rhodiumâ€"carbene complex Rh(PPh3)2(IMes)Cl		

#	Article	IF	Citations
505	Catalytic Hydrogenation of Alkenes by the Rutheniumâ˜Carbene Complex HRu(CO)Cl(PCy3)(IMes) (IMes =) Tj ETQq1 1 0.784314 rgBT		
	Thermochemistry and catalytic application in olefin metathesis. Journal of Organometallic Chemistry, 2000, 606, 49-54.	1.8	304
516	Ruthenium(II) chemistry of phosphorus-based ligands, Ph2PN(R)PPh2 (R=Me or Ph) and Ph2PN(Ph)P(E) Ph2 (E=S or Se). Solution thermochemical study of ligand substitution reactions in the Cpâ€²RuCl(COD) (Cpâ€²=Cp, Cp*; COD=cyclooctadiene) system. Journal of Organometallic Chemistry, 2000, 599, 159-165.	1.8	39
517	Synthesis of BC Ring-Systems of Taxol by Ring-Closing Metathesis. Synthesis, 2000, 2000, 869-882.	2.3	55
518	Simply Assembled and Recyclable Polymer-Supported Olefin Metathesis Catalysts. Organic Letters, 2000, 2, 4075-4078.	4.6	101
519	Simple and Convenient Synthetic Procedure Leading to Ruthenium Olefin Metathesis Catalysts Bearing the N,Nâ€˜-Bis(mesityl)imidazol-2-ylidene (IMes) Ligand. Organometallics, 2000, 19, 2055-2057.	2.3	83
520	Structural and Solution Calorimetric Studies of Sulfur Binding to Nucleophilic Carbenes. Inorganic Chemistry, 2000, 39, 1042-1045.	4.0	41
521	Enhanced regioselectivity of rhodium-catalysed alkene hydroboration in supercritical carbon dioxide. Chemical Communications, 2000, , 347-348.	4.1	52
522	Assessing the stereoelectronic properties of pyrrolyl phosphines and related ligands. The quantitative analysis of ligand effects (QALE). Perkin Transactions II RSC, 2000, , 1349-1357.	1.1	21

#	Article	IF	Citations
523	Synthesis of Macrolide Analogues of Sanglifehrin by RCM:Â Unique Reactivity of a Ruthenium Carbene Complex Bearing an Imidazol-2-ylidene Ligand. Journal of Organic Chemistry, 2000, 65, 9255-9260.	3.2	52
524	Efficient Cross-Coupling Reactions of Aryl Chlorides and Bromides with Phenyl- or Vinyltrimethoxysilane Mediated by a Palladium/Imidazolium Chloride System. Organic Letters, 2000, 2, 2053-2055.	4.6	193
525	Synthetic, Structural, and Solution Calorimetric Studies of Pt(CH3)2(PP) Complexesâ€. Organometallics, 2000, 19, 1427-1433.	2.3	50
526	Effect of Ancillary Ligation on the Relative Bond Disruption Enthalpies of Ruâ˜H and Ruâ˜Cl Bonds in Cp(PR3)2RuX (PR3= PMe3, PMe2Ph, PMePh2, PPh3; X = H, Cl). Organometallics, 2000, 19, 4828-4833.	2.3	16
527	Studies of the Synthesis and Thermochemistry of Coordinatively Unsaturated Chelate Complexes (Î·5-C5Me5)IrL2 (L2 = TsNCH2CH2NTs, TsNCH2CO2, CO2CO2). Inorganic Chemistry, 2000, 39, 2493-2499.	4.0	15
528	A Modular Synthetic Approach toward Exhaustively Stereodiversified Ligand Libraries. Organic Letters, 2000, 2, 3999-4002.	4.6	41
529	Transition-metal systems bearing a nucleophilic carbene ancillary ligand: from thermochemistry to catalysis. Advances in Organometallic Chemistry, 2000, 46, 181-222.	1.0	243
530	Intramolecular Câ˜H Activation Involving a Rhodiumâ˜Imidazol-2-ylidene Complex and Its Reaction with H2and CO. Organometallics, 2000, 19, 1194-1197.	2.3	149
531	Ruthenium Carbene Complexes withN,Nâ€˜-Bis(mesityl)imidazol-2-ylidene Ligands:Â RCM Catalysts of Extended Scope. Journal of Organic Chemistry, 2000, 65, 2204-2207.	3.2	430
532	Improvement in Olefin Metathesis Using a New Generation of Ruthenium Catalyst Bearing an Imidazolylidene Ligand:â€‰ Synthesis of Heterocycles. Organic Letters, 2000, 2, 1517-1519.	4.6	103
533	Investigations into the roller electrical motor. Journal Physics D: Applied Physics, 1999, 32, 741-748.	2.8	0
534	Solution thermochemical study of ligand substitution reactions of hybrid alkyl/fluoroalkoxy phosphorus ligands in the L2Fe(CO)3 system. Inorganica Chimica Acta, 1999, 291, 32-38.	2.4	6
535	Olefin Metathesis-Active Ruthenium Complexes Bearing a Nucleophilic Carbene Ligand. Journal of the American Chemical Society, 1999, 121, 2674-2678.	13.7	993
536	(p-cymene)RuLCl2(L = 1,3-Bis(2,4,6-trimethylphenyl)imidazol-2-ylidene and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 Td (1,3-Bis(2,6-dii Catalysts. Organometallics, 1999, 18, 3760-3763.	2.3	126
537	Influence of Sterically Demanding Carbene Ligation on Catalytic Behavior and Thermal Stability of Ruthenium Olefin Metathesis Catalysts. Organometallics, 1999, 18, 5375-5380.	2.3	237
538	Palladiumâ˜Imidazol-2-ylidene Complexes as Catalysts for Facile and Efficient Suzuki Cross-Coupling Reactions of Aryl Chlorides with Arylboronic Acids. Journal of Organic Chemistry, 1999, 64, 3804-3805.	3.2	487
539	A thermodynamic method based on isoequilibrium behavior to determine the values of stereoelectronic parameters of phosphines. Journal of the Chemical Society Perkin Transactions II, 1999, , 2631-2639.	0.9	11
540	Indenylideneâ˜Imidazolylidene Complexes of Ruthenium as Ring-Closing Metathesis Catalysts. Organometallics, 1999, 18, 5416-5419.	2.3	214

#	Article	IF	Citations
541	Coordinatively Unsaturated 16-Electron Ruthenium Allenylidene Complexes:Â Synthetic, Structural, and Catalytic Studies. Organometallics, 1999, 18, 5187-5190.	2.3	125
542	General and Efficient Catalytic Amination of Aryl Chlorides Using a Palladium/Bulky Nucleophilic Carbene System. Organic Letters, 1999, 1, 1307-1309.	4.6	239
543	Correlation between Structural and Solution Calorimetric Data for Cp*Ru(PR3)2Cl (Cp* = C5Me5) Complexes. Organometallics, 1999, 18, 2357-2361.	2.3	23
544	Lewis Acids Accelerate Reductive Elimination of RCN from P2Pd(R)(CN). Organometallics, 1999, 18, 297-299.	2.3	70
545	Synthetic, Thermochemical, and Catalytic Studies of Fluorinated Tertiary Phosphine Ligands R2PRf[R = Cy, Ph,iPr; Rf= CHâ€˜2CH2(CF2)5CF3] in Rhodium Systems. Inorganic Chemistry, 1999, 38, 5277-5281.	4.0	35
546	Synthetic, Structural, and Solution Thermochemical Studies in the Dimethylbis(phosphine)platinum(II) System. Dichotomy between Structural and Thermodynamic Trends. Organometallics, 1999, 18, 474-479.	2.3	60
547	Catalytic Dehalogenation of Aryl Chlorides Mediated by Ruthenium(II) Phosphine Complexes. Organometallics, 1999, 18, 1299-1304.	2.3	76
548	Efficient Cross-Coupling of Aryl Chlorides with Aryl Grignard Reagents (Kumada Reaction) Mediated by a Palladium/Imidazolium Chloride System. Journal of the American Chemical Society, 1999, 121, 9889-9890.	13.7	358
549	Stereoelectronic Effects Characterizing Nucleophilic Carbene Ligands Bound to the Cp*RuCl (Cp* =) Tj ETQq1 1 0.784314 rgBT /Overlo	2.3	305
550	Synthetic and thermochemical studies of reactions of the 16-electron ruthenium complex [(Ph2PNMeNMePPh2)2RuCl]BF4 with H2, CH3CN and CO. Journal of Organometallic Chemistry, 1998, 571, 205-213.	1.8	10
551	Thermodynamics of Addition of H2, CO, N2, and Câ^'H Bonds to M(PiPr3)2Cl (M = Ir, Rh). An Unprecedented Metalâ^'Carbonyl Bond Strength. Journal of the American Chemical Society, 1998, 120, 9256-9266.	13.7	33
552	Enthalpies of Reaction of Cpâ€˜Ru(COD)Cl (Cpâ€˜ = C5H5, C5Me5; COD = Cyclooctadiene) with Ï€-Acceptor Chelating Phosphine Ligands. Organometallics, 1998, 17, 3000-3005.	2.3	20
553	Enthalpies of Reaction of [(p-cymene)OsCl2]2with Monodentate Tertiary Phosphine Ligands. Importance of Steric and Electronic Ligand Factors in an Osmium(II) System. Organometallics, 1998, 17, 4004-4008.	2.3	14
554	Thermodynamics of Phosphine Coordination to the [PNP]RhIFragment:Â An Example of the Importance of Reorganization Energies in the Assessment of Metalâ^'Ligand â€œBond Strengthsâ€• Journal of the American Chemical Society, 1998, 120, 7806-7815.	13.7	35
555	Solution Thermochemical Study of a Fluorous Tertiary Phosphine Ligand in Rhodium and Ruthenium Systems. Organometallics, 1998, 17, 452-456.	2.3	27
556	Terminal Platinum(II) Phosphido Complexes:Â Synthesis, Structure, and Thermochemistry. Organometallics, 1998, 17, 652-660.	2.3	44
557	Solution Calorimetric Investigation of Oxidative Addition of HEAr (E = O, S, Se; Ar = C6H4X, X = CH3, H,) Tj ETQq1 1 0.784314 rgBT /O Organometallics, 1998, 17, 3516-3521.	2.3	24
558	Four-Coordinate Molybdenum Chalcogenide Complexes Relevant to Nitrous Oxide Nâ^'N Bond Cleavage by Three-Coordinate Molybdenum(III):Â Synthesis, Characterization, Reactivity, and Thermochemistry. Journal of the American Chemical Society, 1998, 120, 2071-2085.	13.7	113

#	Article	IF	Citations
559	Synthetic, Thermochemical, and Catalytic Studies Involving Novel R2P(ORf) [R = Alkyl or Aryl; Rf = CH2CH2(CF2)5CF3] Ligands. Organometallics, 1998, 17, 5018-5024.	2.3	52
560	Thermochemical Investigation of Phosphine Ligand Substitution Reactions Involving trans-(PR3)2Cl2RuCHâ˜CHCPh2 Complexes. Organometallics, 1998, 17, 5565-5568.	2.3	39
561	Solution Thermochemical and Structural Studies of Ligand Substitution ofN-Pyrrolyl Phosphine Ligands in the (p-cymene)RuCl2(PR3) System. Organometallics, 1998, 17, 104-110.	2.3	30
562	Solution Thermochemical Study of Tertiary Phosphine Ligand Substitution Reactions in the Rh(acac)(CO)(PR3) System. Organometallics, 1998, 17, 534-539.	2.3	61
563	Synthesis and Reactivity of the Ruthenium(II) Dihydride Ru(Ph2PNMeNMePPh2)2H2. Organometallics, 1998, 17, 3875-3882.	2.3	26
564	Convenient Synthesis of Ruthenium(II) Dihydride Phosphine Complexes Ru(H)2(PP)2and Ru(H)2(PR3)x(x=) Tj ETQq0 0 0 rgBT /Overlock	2.3	52
565	Monomeric Cyclopentadienylnickel Methoxo and Amido Complexes:â€‰ Synthesis, Characterization, Reactivity, and Use for Exploring the Relationship between Hâ˜X and Mâ˜X Bond Energies. Journal of the American Chemical Society, 1997, 119, 12800-12814.	13.7	126
566	N-Pyrrolyl Phosphines:Â Enhanced Ï€-Acceptor CharacterviaCarboalkoxy Substitution. Organometallics, 1997, 16, 3377-3380.	2.3	26
567	Ligand (L) Influence on CO Binding Enthalpies to Ru(CO)2L2. Organometallics, 1997, 16, 4223-4225.	2.3	13
568	Synthesis, Characterization, and Catalytic Behavior of Ruthenium(II) Schiff Base Complexes. Organometallics, 1997, 16, 5120-5123.	2.3	43
569	Regioselective synthesis of Î·3-(N-methoxycarbonyl-7-azabicyclo[2.2.1]he ta-2,5-dienyl)-Î·5-(C5Me5)RuCl complexes. Journal of Organometallic Chemistry, 1997, 533, 25-30.	1.8	1
570	Thermochemistry of Oxygen Atom Transfer from Cp*ReO3. Organometallics, 1996, 15, 5250-5251.	2.3	19
571	Synthesis, Characterization, and Catalytic Behavior of a Ruthenium(II) Tetraazaannulene Complex. Inorganic Chemistry, 1996, 35, 252-254.	4.0	6
572	Organoruthenium Thermochemistry. Enthalpies of Reaction of Cpâ€˜Ru(COD)Cl (Cpâ€˜ = Î·5-C5H5and Î·5-C5Me5) with Tertiary Phosphite Ligands. Organometallics, 1996, 15, 5209-5215.	2.3	24
573	Relative Binding Energies of Tertiary Phosphine Ligands to the Cp*RuOCH2CF3(Cp* = Î·5-C5Me5) Moiety. Organometallics, 1996, 15, 3456-3462.	2.3	14
574	Solution Thermochemical and Structural Studies of Ligand Substitution of N-Pyrrolyl-Substituted Phosphine Ligands in the Cpâ€˜Ru(PR3)2Cl (Cpâ€˜ = Î·5-C5H5 and Î·5-C5Me5) Systems. Organometallics, 1996, 15, 4020-4029.	2.3	21
575	Estimating the Effective Steric Impact of PtBu2Me, PiPr3, and PCy3. Organometallics, 1996, 15, 4900-4903.	2.3	25
576	Synthesis and Ligand Binding of Î·6-(2Î²-Carbomethoxy-3Î²-phenyltropane) Transition Metal Complexes. Journal of Medicinal Chemistry, 1996, 39, 1560-1563.	6.4	15

#	Article	IF	Citations
577	Solution Thermochemical Study of Tertiary Phosphine Ligand Substitution Reactions in the RhCl(CO)(PR3)2System. Organometallics, 1996, 15, 4301-4306.	2.3	53
578	Solution thermochemical study of ligand substitution reaction of novel pyrrolyl-substituted tertiary phosphine ligands in the L2Fe(CO)3 system. Inorganica Chimica Acta, 1996, 252, 107-113.	2.4	20
579	Heats of reaction of HMo(CO)3(C5R5) (R = H, CH3) with diphenyldisulfide and of formation of the clusters [PhSMo(CO)x(C5H5)]2, x = 1,2. Thermodynamic study of molybdenum-sulfur bond strengths. Inorganica Chimica Acta, 1995, 240, 175-182.	2.4	8
580	Solution Thermochemistry of Ligand Substitution Reactions Involving Organoruthenium Complexes. Comments on Inorganic Chemistry, 1995, 17, 131-162.	5.2	9
581	Thermodynamics of Addition of CO, Isocyanide, and H2 to Rh(PR3)2Cl. Journal of the American Chemical Society, 1995, 117, 5082-5088.	13.7	41
582	Enthalpies of Reaction of Cp'Ru(COD)Cl (Cp' = C5H5, C5Me5; COD = Cyclooctadiene) with P(p-XC6H4)3 (X) Tj ETQq0 0 0 rgBT /Overlo Reaction. Organometallics, 1995, 14, 5290-5297.	2.3	37
583	Solution Thermochemical Study of Ligand Steric Influences on Substitution Enthalpies in the L2Fe(CO)3 System. Organometallics, 1995, 14, 3791-3797.	2.3	22
584	Organoiron Thermochemistry. Solution Thermochemical Investigation of Tertiary Phosphine Ligand Electronic Effects in trans-(P(p-XC6H4)3)2Fe(CO)3 Complexes. Organometallics, 1995, 14, 1327-1332.	2.3	26
585	Thermodynamic Studies of the Addition of N2, C2H4, and Alkynes to [Rh(PiPr3)2Cl]2. Organometallics, 1995, 14, 4010-4013.	2.3	10
586	Organoruthenium Thermochemistry. Absolute Metal-Ligand Bond Disruption Enthalpies in the (.eta.5-C5Me5)(CO)2Ru-X System (X = H, Cl, Br, I) and Thermodynamic Influences of Ancillary Ligand Variation on the Ru-X Bond Disruption Enthalpy. Organometallics, 1995, 14, 1333-1338.	2.3	19
587	Addition of Aldehydes and Acyl Chlorides to [Rh(PiPr3)2Cl]2. Thermodynamics and Molecular and Crystal Structures of Rh(PiPr3)2ClX[C(O)Ph] (X = H, Cl). Organometallics, 1995, 14, 4929-4936.	2.3	45
588	Enthalpies of Reaction of (.eta.5-C5H5)Ru(cyclooctadiene)Cl with Tertiary Phosphine Ligands: Ligand Substitution as a Gauge for Metal Basicity and A Linear Correlation of Bond Length and Bond Enthalpy. Organometallics, 1995, 14, 289-296.	2.3	30
589	Enthalpies of Reaction of ((p-cymene)RuCl2)2 with Monodentate Tertiary Phosphine Ligands. Importance of Both Steric and Electronic Ligand Factors in a Ruthenium(II) System. Organometallics, 1995, 14, 4611-4616.	2.3	52
590	Relative Binding Energies of Sterically Demanding Tertiary Phosphine Ligands to the Cp*RuCl (Cp* =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Complexes. Organometallics, 1994, 13, 4781-4786.	2.3	41
591	Direct solution calorimetric measurements of enthalpies of proton and electron transfer reactions for transition metal complexes. Thermochemical study of metal-hydride and metal-metal bond energies. Inorganica Chimica Acta, 1994, 227, 285-292.	2.4	11
592	Electrochemical oxidation and nucleophilic addition reactions of metallocenes in electrospray mass spectrometry. Analytical Chemistry, 1994, 66, 119-125.	6.5	127
593	Synthesis of (.eta.5-C5Me5)Ru(.eta.6-tryptamine)(CF3SO3) Complexes. Chemospecific .eta.6 Coordination of the (.eta.5-C5Me5)Ru+ Moiety. Organometallics, 1994, 13, 676-681.	2.3	19
594	Enthalpies of reaction of ruthenium complex Cp*Ru(COD)Cl (Cp* = .eta.5-C5Me5; COD = cyclooctadiene) with chelating tertiary phosphine ligands. Solution thermochemical investigation of ligand substitution and ring strain energies in Cp*Ru(PP)Cl complexes. Organometallics, 1994, 13, 669-675.	2.3	31

#	Article	IF	Citations
595	Enthalpies of Reaction of CpRu(COD)Cl (Cp = .eta.5-C5H5; COD = Cyclooctadiene) with Chelating Tertiary Phosphine Ligands. Solution Thermochemical Investigation of Ligand Substitution and Ring Strain Energies in CpRu(R2P(CH2)nPR2)Cl Complexes. Organometallics, 1994, 13, 3621-3627.	2.3	29
596	First Transition Metal-Boryl Bond Energy and Quantitation of Large Differences in Sequential Bond Dissociation Energies of Boranes. Journal of the American Chemical Society, 1994, 116, 4121-4122.	13.7	74
597	Synthesis, thermochemistry, and structural characterization of organoruthenium arene and triene complexes. Structural Chemistry, 1993, 4, 367-375.	2.0	10
598	Enthalpies of reaction of (diene)- and (enone)iron tricarbonyl complexes with monodentate and bidentate ligands. Solution thermochemical study of ligand substitution in the L2Fe(CO)3 complexes. Inorganic Chemistry, 1993, 32, 2410-2415.	4.0	30
599	Alkyne coupling reactions mediated by organolanthanides. Probing the mechanism by metal and alkyne variation. Organometallics, 1993, 12, 3618-3623.	2.3	73
600	Organoruthenium thermochemistry. Enthalpies of reaction of (Cp*RuCl)4 and Cp*Ru(COD)Cl (Cp* =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 12, 4305-4311.	2.3	27
601	Enthalpies of reaction of (benzylideneacetone)iron tricarbonyl, (BDA)Fe(CO)3, with phosphine ligands. Thermodynamic insights into iron chemistry. Organometallics, 1992, 11, 3483-3486.	2.3	23
602	Synthesis and structural characterization of a tetranuclear organolanthanide hydrazido complex. Organometallics, 1992, 11, 1011-1013.	2.3	34
603	Heats of the reactions of tricarbonyl(naphthalene)chromium, tricarbonyl(cycloheptatriene)chromium, tricarbonyl(cycloheptatriene)tungsten, and tricarbonyltris(ethylcyanide)tungsten with pyridine, phosphines, phosphites, and other ligands. Comparative thermochemical study of L3M(CO)3 complexes (M = Cr, Mo, W). Inorganic Chemistry, 1992, 31, 4885-4889.	4.0	36
604	Enthalpies of reaction of ruthenium complex Cp*Ru(CH3CN)3+O3SCF3- (Cp* = .eta.5-C5Me5) with arenes. Solution thermochemical study of arene binding to the Cp*Ru+ fragment. Organometallics, 1992, 11, 3947-3953.	2.3	54
605	Synthesis and characterization of an organoyttrium dimer produced via an Arbuzov dealkylation reaction. Organometallics, 1992, 11, 3459-3462.	2.3	13
606	Organo-f-Element Thermochemistry. Implications for Reactivity and Bonding from Metal-Ligand Bonding Energetics. , 1992, , 35-51.		19
607	Organo-f-element thermochemistry. Actinide-Group 14 element and actinide-transition-element bond disruption enthalpies and stoichiometric/catalytic chemical implications thereof in heterobimetallic tris(cyclopentadienyl)uranium(IV) compounds. Organometallics, 1991, 10, 1450-1457.	2.3	105
608	Organolanthanide-catalyzed dehydrogenative coupling of silanes. Mechanistic implications. Organometallics, 1991, 10, 2543-2545.	2.3	103
609	Metal and Ancillary Coordination Effects on Organolanthanideâ€"Ligand Bond Enthalpies. ACS Symposium Series, 1990, , 159-174.	0.5	26
610	Organolanthanide-centered hydroamination/cyclization of aminoolefins. Expedient oxidative access to catalytic cycles. Organometallics, 1990, 9, 1716-1718.	2.3	141
611	Spectroscopic detection of organolanthanide dihydrogen and olefin complexes. Journal of the American Chemical Society, 1989, 111, 8538-8540.	13.7	44
612	Organo-f-element thermochemistry. Absolute metal-ligand bond disruption enthalpies in bis(pentamethylcyclopentadienyl)samarium hydrocarbyl, hydride, dialkylamide, alkoxide, halide, thiolate, and phosphide complexes. Implications for organolanthanide bonding and reactivity. Journal of the American Chemical Society, 1989, 111, 7844-7853.	13.7	177

#	Article	IF	Citations
613	What can metal-ligand bonding energetics teach us about stoichiometric and catalytic organometallic chemistry?. Pure and Applied Chemistry, 1989, 61, 1665-1672.	1.9	46
614	The thermodynamic driving force for Cî—¸H activation at iridium. Polyhedron, 1988, 7, 1429-1440.	2.2	74
615	The heat of reaction of Etî—¸Mo(CO)3C5H5 and Hî—¸Mo(CO)3C5H5 and related reactions. Thermochemical study of reductive elimination in alkyl molybdenum complexes. Polyhedron, 1988, 7, 1491-1498.	2.2	14
616	Thermodynamic and kinetic studies of the complexes W(CO)3(PCy3)2L (L = H2, N2, NCCH3, pyridine,) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.3	65
617	Heat of reaction of (norbornadiene)molybdenum tetracarbonyl with monodentate and bidentate ligands. Solution thermochemical study of ligand substitution in the complexes cis-L2Mo(CO)4. Inorganic Chemistry, 1988, 27, 81-85.	4.0	50
618	Heats of reaction of Cp(PMe3)Ir(R)(H) (R = C6H5, C6H11, H) with HCl, CCl4, CBr4, and MeI. A solution thermochemical study of the C-H insertion reaction. Journal of the American Chemical Society, 1987, 109, 3143-3145.	13.7	80
619	Rhodium alkoxide complexes. Formation of an unusually strong intermolecular hydrogen bond in (PMe3)3Rh-Otol(HOtol). Journal of the American Chemical Society, 1987, 109, 6563-6565.	13.7	120
620	Heats of reaction of [Mo(CO)2Cp*]2 (Cp* = C5H5, C5Me5, C9H7) with carbon monoxide, acetylene, and phenylacetylene. Thermochemical investigation of the molybdenum-molybdenum triple bond. Inorganic Chemistry, 1986, 25, 4446-4448.	4.0	23
621	Heats of reaction of RMo(CO)3C5H5 (R = H, Me, Et) with phosphines and phosphites: thermodynamic study of the carbonyl-insertion reaction. Inorganic Chemistry, 1986, 25, 1160-1165.	4.0	18
622	Heats of reaction of (toluene)molybdenum tricarbonyl with substituted arenes, sodium cyclopentadienide, nitriles, isocyanides, and other ligands. Solution thermodynamic study of ligand exchange in the complexes fac-L3Mo(CO)3. Organometallics, 1986, 5, 2529-2537.	2.3	46
623	Thermochemical study of the Lewis acid promoted carbonyl insertion reaction. Journal of the American Chemical Society, 1986, 108, 7852-7853.	13.7	19
624	Heats of reaction of HMo(CO)3C5H5 with CCl4 and CBr4 and of NaMo(CO)3C5H5 with I2 and CH3. Solution thermochemical study of the Moî—¸X bond for X = H, Cl, Br, I and CH3. Journal of Organometallic Chemistry, 1986, 315, 187-199.	1.8	13
625	Synthesis and thermochemistry of HMo(CO)3C5Me5; Comparison of cyclopentadienyl and pentamethylcyclopentadienyl ligands. Journal of Organometallic Chemistry, 1985, 282, 357-362.	1.8	58
626	The heats of reaction of phosphines and phosphites with toluene-molybdenum tricarbonyl. Importance of both steric and electronic factors in determining the Moî—¸PR3 bond strength. Journal of Organometallic Chemistry, 1985, 290, 365-373.	1.8	34
627	The Use of N-Heterocyclic Carbenes as Ligands in Palladium-Mediated Catalysis. Topics in Organometallic Chemistry, 0, , 241-278.	0.7	34
628	CHAPTER 4. Advances in Câ€“C and Câ€“X Coupling Using Palladiumâ€“N-Heterocyclic Carbene (Pdâ€“NHC) Complexes. RSC Catalysis Series, 0, , 139-227.	0.1	5
629	A simple synthetic entryway into (Nâ€heterocyclic carbene)goldâ€steroidyl complexes and their anticancer activity. Applied Organometallic Chemistry, 0, , .	3.5	10