

William D Jones

List of Publications by Year in descending order

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207
papers

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Synthesis and molecular structure of half-sandwich ruthenium(II) complexes containing pyrazolyl ligands: Solvent induced geometrical change in η^2 -scorpionate supported complex. <i>Journal of Molecular Structure</i> , 2022, 1251, 132005.	3.6	0
2	Iron-Catalyzed Dehydrogenation of Alcohols Using Benzoquinones as Electrochemically Regenerable Mediators. <i>European Journal of Organic Chemistry</i> , 2022, 2022, .	2.4	2
3	Selectivity in the activation of C H bonds by rhodium and iridium complexes. <i>Advances in Organometallic Chemistry</i> , 2022, , .	1.0	0
4	Development of sterically hindered siloxide-functionalized polyoxotungstates for the complexation of 5d-metals. <i>Dalton Transactions</i> , 2021, 50, 4300-4310.	3.3	0
5	The functionalization of benzene by boranes using trispyrazolylborate complexes. <i>Polyhedron</i> , 2021, 197, 115042.	2.2	1
6	First-Row Transition Metals Complexes with Fused Oxazolidine (FOX) Ligands. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2021, 647, 1442-1448.	1.2	3
7	Upgrading of Ethanol to <i>n</i> -Butanol via a Ruthenium Catalyst in Aqueous Solution. <i>Organometallics</i> , 2021, 40, 1884-1888.	2.3	16
8	An Iron-Based Dehydration Catalyst for Selective Formation of Styrene. <i>ACS Catalysis</i> , 2021, 11, 10885-10891.	11.2	7
9	Photochemical C(sp) ² -C(sp ²) Bond Activation in Phosphaalkynes: A New Route to Reactive Terminal Cyaphido Complexes L ₂ PC. <i>Journal of the American Chemical Society</i> , 2021, 143, 19365-19373.	13.7	24
10	Carbon Capture and Conversion. <i>Journal of the American Chemical Society</i> , 2020, 142, 4955-4957.	13.7	85
11	Bisoxazoline-pincer ligated cobalt-catalyzed hydrogenation of alkenes. <i>Polyhedron</i> , 2020, 180, 114416.	2.2	3
12	Markovnikov-Selective Hydroboration of Olefins Catalyzed by a Copper N-Heterocyclic Carbene Complex. <i>Organometallics</i> , 2019, 38, 3322-3326.	2.3	9
13	Reversible Concerted Metalation-Deprotonation C-H Bond Activation by [Cp*RhCl] ₂ . <i>Journal of Organic Chemistry</i> , 2019, 84, 12960-12965.	3.2	17
14	Photolysis of Tp ² Rh(CNneopentyl)(PhNCNneopentyl) in the presence of ketones and esters: kinetic and thermodynamic selectivity for activation of different aliphatic C-H bonds. <i>Dalton Transactions</i> , 2019, 48, 10945-10952.	3.3	2
15	Coordination or Oxidative Addition? Activation of N-H with [Tp ² Rh(PMe ₃)]. <i>Inorganic Chemistry</i> , 2019, 58, 557-566.	4.0	7
16	Effect of Carboxylate Ligands on Alkane Dehydrogenation with (^{dm} Phebox)Ir Complexes. <i>ACS Catalysis</i> , 2018, 8, 2326-2329.	11.2	11
17	Probing the Carbon-Hydrogen Activation of Alkanes Following Photolysis of Tp ² Rh(CNR)(carbodiimide): A Computational and Time-Resolved Infrared Spectroscopic Study. <i>Journal of the American Chemical Society</i> , 2018, 140, 1842-1854.	13.7	27
18	Catalytic Upgrading of Ethanol to <i>n</i> -Butanol via Manganese-Mediated Guerbet Reaction. <i>ACS Catalysis</i> , 2018, 8, 997-1002.	11.2	141

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19	Lewis Acid Assisted C≡N Cleavage of Benzonitrile Using [(dippe)NiH] ₂ . <i>Synlett</i> , 2018, 29, 747-753.	1.8	5
20	Reactivity of iPrPCPIrH ₄ with para-benzoquinones. <i>Polyhedron</i> , 2018, 143, 209-214.	2.2	9
21	Hydrogenation/Dehydrogenation of Unsaturated Bonds with Iron Pincer Catalysis. <i>Topics in Organometallic Chemistry</i> , 2018, , 141-174.	0.7	5
22	Chemistry of Mn and Co Pincer Compounds. , 2018, , 491-518.		4
23	Synthesis, characterization, and reactivity of Cp*Rh(III) complexes having functional N,O chelate ligands. <i>Journal of Organometallic Chemistry</i> , 2017, 847, 28-32.	1.8	14
24	Additive-Free Cobalt-Catalyzed Hydrogenation of Esters to Alcohols. <i>ACS Catalysis</i> , 2017, 7, 3735-3740.	11.2	106
25	An Uncanny Dehydrogenation Mechanism: Polar Bond Control over Stepwise or Concerted Transition States. <i>Inorganic Chemistry</i> , 2017, 56, 5519-5524.	4.0	23
26	Catalytic Dehydrogenative C≡C Coupling by a Pincer-Ligated Iridium Complex. <i>Journal of the American Chemical Society</i> , 2017, 139, 8977-8989.	13.7	35
27	Unexpected Solvent Effects in the Isomerization of ^{iPr} PCPIr(η ² -PhC≡CPh) to a η ¹ -iridaindene. <i>Israel Journal of Chemistry</i> , 2017, 57, 968-974.	2.3	2
28	C(sp ²)≡F Oxidative Addition of Fluorinated Aryl Ketones by ^{iPr} PCPIr. <i>Organometallics</i> , 2017, 36, 3125-3134.	2.3	10
29	Crystal structure of chloridobis[(1,2,5,6-η)-cycloocta-1,5-diene]iridium(I). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017, 73, 273-277.	0.5	1
30	Nitrile coordination to rhodium does not lead to C≡H activation. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2016, 72, 850-852.	0.5	2
31	Aqueous Hydricity from Calculations of Reduction Potential and Acidity in Water. <i>Journal of Physical Chemistry B</i> , 2016, 120, 12911-12919.	2.6	16
32	C≡N Bond Cleavage Using Palladium Supported by a Dippe Ligand. <i>Organometallics</i> , 2016, 35, 2010-2013.	2.3	19
33	Synthesis, Characterization, and Reactivities of Molybdenum and Tungsten PONOP Pincer Complexes. <i>Organometallics</i> , 2016, 35, 3124-3131.	2.3	24
34	Determination of Rhodium≡Alkoxide Bond Strengths in Tp ² Rh(PMe ₃) ₃ (OR)H. <i>Inorganic Chemistry</i> , 2016, 55, 9482-9491.	4.0	17
35	Formation of 5-membered metallacycles at iPrPCPIr by C≡H, O≡H, and C≡CO bond cleavage. <i>Polyhedron</i> , 2016, 116, 38-46.	2.2	9
36	Rapid oxidative hydrogen evolution from a family of square-planar nickel hydride complexes. <i>Chemical Science</i> , 2016, 7, 117-127.	7.4	30

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37	Iron-Catalyzed Homogeneous Hydrogenation of Alkenes under Mild Conditions by a Stepwise, Bifunctional Mechanism. <i>ACS Catalysis</i> , 2016, 6, 2127-2135.	11.2	108
38	Toward Benchmarking in Catalysis Science: Best Practices, Challenges, and Opportunities. <i>ACS Catalysis</i> , 2016, 6, 2590-2602.	11.2	190
39	Electrophilic C-H activation of benzene with a Shilov-inspired rhodium(III) diimine complex. <i>Journal of Organometallic Chemistry</i> , 2015, 793, 192-199.	1.8	6
40	Activation of B-H, Si-H, and C-F Bonds with Tp-Rh(PMe ₃) ₃ Complexes: Kinetics, Mechanism, and Selectivity. <i>Journal of the American Chemical Society</i> , 2015, 137, 1258-1272.	13.7	39
41	Reversible catalytic dehydrogenation of alcohols for energy storage. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 1687-1692.	7.1	118
42	Methane Is the Best Substrate for C(sp ³)-H Activation with Cp*(PMe ₃) ₃ Co(Me)(OTf): A Density Functional Theory Study. <i>Organometallics</i> , 2015, 34, 4032-4038.	2.3	9
43	Mechanistic Insights of a Concerted Metalation-Deprotonation Reaction with [Cp*RhCl ₂] ₂ . <i>Organometallics</i> , 2015, 34, 3400-3407.	2.3	48
44	Oxidative Addition of Chlorohydrocarbons to a Rhodium Tris(pyrazolyl)borate Complex. <i>Organometallics</i> , 2015, 34, 1552-1566.	2.3	21
45	Room-Temperature Carbon-Sulfur Bond Activation by a Reactive (dippe)Pd Fragment. <i>Organometallics</i> , 2015, 34, 1716-1724.	2.3	18
46	Highly Selective Formation of <i>n</i> -Butanol from Ethanol through the Guerbet Process: A Tandem Catalytic Approach. <i>Journal of the American Chemical Society</i> , 2015, 137, 14264-14267.	13.7	154
47	A Single Nickel Catalyst for the Acceptorless Dehydrogenation of Alcohols and Hydrogenation of Carbonyl Compounds. <i>Organometallics</i> , 2015, 34, 5203-5206.	2.3	106
48	Acceptorless, Reversible Dehydrogenation and Hydrogenation of <i>N</i> -Heterocycles with a Cobalt Pincer Catalyst. <i>ACS Catalysis</i> , 2015, 5, 6350-6354.	11.2	230
49	Mechanistic Insights in the Exchange of Arylthiolate Groups in Aryl(arylthiolato)palladium Complexes Supported by a Dipe Ligand. <i>Organometallics</i> , 2015, 34, 4574-4580.	2.3	11
50	Investigation of C-C Bond Activation of sp ² C-C Bonds of Acetylene Derivatives via Photolysis of Pt Complexes. <i>Organometallics</i> , 2015, 34, 2233-2239.	2.3	9
51	Nickel(0) Addition to a Disulfide Bond. <i>Journal of Chemical Crystallography</i> , 2014, 44, 15-19.	1.1	6
52	Well-Defined Iron Catalysts for the Acceptorless Reversible Dehydrogenation-Hydrogenation of Alcohols and Ketones. <i>ACS Catalysis</i> , 2014, 4, 3994-4003.	11.2	330
53	Bisindolines from the reaction of 3,5-dimethoxyaniline with vicinal diones. <i>RSC Advances</i> , 2014, 4, 1401-1411.	3.6	6
54	Addition of C-C and C-H bonds by pincer-iridium complexes: a combined experimental and computational study. <i>Dalton Transactions</i> , 2014, 43, 16354-16365.	3.3	16

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55	Synthesis and energetics of $\text{Tp}^{\wedge}2\text{Rh}[\text{P}(\text{OMe})_3]_3(\text{R})\text{H}$: a systematic investigation of ligand effects on $\text{C}\text{--}\text{H}$ activation at rhodium. <i>Chemical Science</i> , 2014, 5, 804-812.	7.4	19
56	Exploring Oxidation of Half-Sandwich Rhodium Complexes: Oxygen Atom Insertion into the Rhodium -- Carbon Bond of $\text{Ir}^{\wedge}2$ -Coordinated 2-Phenylpyridine. <i>Organometallics</i> , 2014, 33, 4442-4448.	2.3	30
57	A Molecular Iron Catalyst for the Acceptorless Dehydrogenation and Hydrogenation of N-Heterocycles. <i>Journal of the American Chemical Society</i> , 2014, 136, 8564-8567.	13.7	429
58	Synthesis and characterization of a series of rhodium, iridium, and ruthenium isocyanide complexes. <i>Inorganica Chimica Acta</i> , 2013, 407, 131-138.	2.4	8
59	$\text{C}\text{--}\text{S}$ bond activation of thioethers using $(\text{dippe})\text{Pt}(\text{NBE})_2$. <i>Polyhedron</i> , 2013, 58, 99-105.	2.2	16
60	Kinetic and Thermodynamic Selectivity of Intermolecular $\text{C}\text{--}\text{H}$ Activation at $[\text{Tp}^{\wedge}2\text{Rh}(\text{PMe}_3)_3]$. How Does the Ancillary Ligand Affect the Metal -- Carbon Bond Strength?. <i>Journal of the American Chemical Society</i> , 2013, 135, 16198-16212.	13.7	38
61	Rhodium -- Carbon Bond Energies in $\text{Tp}^{\wedge}2\text{Rh}(\text{CNneopentyl})(\text{CH}_2\text{X})\text{H}$: Quantifying Stabilization Effects in $\text{M}\text{--}\text{C}$ Bonds. <i>Journal of the American Chemical Society</i> , 2013, 135, 6994-7004.	13.7	47
62	Mechanistic Studies of Transition Metal-Mediated $\text{C}\text{--}\text{C}$ Bond Activation. <i>Topics in Current Chemistry</i> , 2013, 346, 1-31.	4.0	25
63	Examination of a dicationic rhodium methyl aquo complex. <i>Inorganica Chimica Acta</i> , 2013, 397, 140-143.	2.4	8
64	Carbon -- Oxygen Bond Activation in Esters by Platinum(0): Cleavage of the Less Reactive Bond. <i>Organometallics</i> , 2012, 31, 5018-5024.	2.3	20
65	Catalytic Arene H/D Exchange with Novel Rhodium and Iridium Complexes. <i>Organometallics</i> , 2012, 31, 1943-1952.	2.3	66
66	$\text{C}\text{--}\text{H}$ Activation of Terminal Alkynes by $\text{Tris}(3,5\text{-dimethylpyrazolyl})\text{boraterhodiumneopentylisocyanide}$: New Metal -- Carbon Bond Strengths. <i>Journal of the American Chemical Society</i> , 2012, 134, 9276-9284.	13.7	25
67	$\text{C}\text{--}\text{CN}$ vs $\text{C}\text{--}\text{H}$ Cleavage of Benzonitrile Using $[(\text{dippe})\text{PtH}]_2$. <i>Organometallics</i> , 2011, 30, 1523-1529.	2.3	27
68	Controlling the Selectivity for $\text{C}\text{--}\text{H}$ and $\text{C}\text{--}\text{CN}$ Bond Activation at Rhodium: A DFT Examination of Ligand Effects. <i>Organometallics</i> , 2011, 30, 3371-3377.	2.3	33
69	DFT Calculations of the Isomerization of 2-Methyl-3-butenitrile by $[\text{Ni}(\text{bisphosphine})]$ in Relation to the DuPont Adiponitrile Process. <i>Organometallics</i> , 2011, 30, 547-555.	2.3	28
70	$\text{C}\text{--}\text{H}$ and $\text{C}\text{--}\text{CN}$ Bond Activation of Acetonitrile and Succinonitrile by $[\text{Tp}^{\wedge}2\text{Rh}(\text{PR}_3)_3]$. <i>Organometallics</i> , 2011, 30, 834-843.	2.3	44
71	$\text{C}\text{--}\text{CN}$ Bond Activation of Benzonitrile with $[\text{Rh}^{\wedge}1(\text{dippe})]^{\wedge}$. <i>Organometallics</i> , 2011, 30, 5604-5610.	2.3	27
72	Predicting Selectivity in Oxidative Addition of $\text{C}\text{--}\text{S}$ Bonds of Substituted Thiophenes to a Platinum(0) Fragment: An Experimental and Theoretical Study. <i>Organometallics</i> , 2011, 30, 4578-4588.	2.3	21

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73	Câ€“S Bond Activation of Thioesters Using Platinum(0). <i>Organometallics</i> , 2011, 30, 5147-5154.	2.3	35
74	Synthesis and Reactivity of New Ni, Pd, and Pt 2,6-Bis(di- <i>tert</i> -butylphosphinito)pyridine Pincer Complexes. <i>Inorganic Chemistry</i> , 2011, 50, 9443-9453.	4.0	77
75	Making Câ€“CN bonds from Câ€“Cl in (PONOP)M and (dippe)Ni systems (M=Ni, Pd, and Pt) using t-BuNC. <i>Inorganica Chimica Acta</i> , 2011, 379, 109-114.	2.4	15
76	Dinuclear Ir(III) Complex with an Unusual Î·1:Î·3-allylic Bridging Ligand from the Double Câ€“H Activation of 2,5-Dimethylthiophene. <i>Journal of Chemical Crystallography</i> , 2011, 41, 829-833.	1.1	2
77	Synthesis and X-ray crystallographic characterization of substituted aryl imines. <i>Journal of Molecular Structure</i> , 2011, 992, 33-38.	3.6	26
78	Synthesis and characterization of cationic rhodium(I) dicarbonyl complexes. <i>Inorganica Chimica Acta</i> , 2011, 367, 108-113.	2.4	5
79	Dibenzometallacyclopentadienes, boroles and selected transition metal and main group heterocyclopentadienes: Synthesis, catalytic and optical properties. <i>Coordination Chemistry Reviews</i> , 2010, 254, 1950-1976.	18.8	111
80	Mechanistic investigation of vinylic carbonâ€“fluorine bond activation of perfluorinated cycloalkenes using Cp*2ZrH2 and Cp*2ZrHF. <i>Journal of Fluorine Chemistry</i> , 2010, 131, 1122-1132.	1.7	42
81	Unusual lithium coordinated platinum and rhodium hydride dimers. <i>Inorganica Chimica Acta</i> , 2010, 363, 517-522.	2.4	8
82	Reactivity and Regioselectivity of Insertion of Unsaturated Molecules into Mâ€“C (M = Ir, Rh) Bonds of Cyclometalated Complexes. <i>Organometallics</i> , 2010, 29, 4593-4605.	2.3	75
83	Câ€“CN Bond Activation of Aromatic Nitriles and Fluxionality of the Î· ² -Arene Intermediates: Experimental and Theoretical Investigations. <i>Organometallics</i> , 2010, 29, 2430-2445.	2.3	87
84	Câ€“H vs Câ€“C Bond Activation of Acetonitrile and Benzonitrile via Oxidative Addition: Rhodium vs Nickel and Cp* vs Tpâ€“2 (Tpâ€“2 = Hydrotris(3,5-dimethylpyrazol-1-yl)borate, Cp* =). <i>Journal of Organometallic Chemistry</i> , 2010, 855, 16278-16284.	13.7	85
85	Carbonâ€“Sulfur Bond Activation of Dibenzothiophenes and Phenoxythiin by [Rh(dippe)(Î· ^{1/4} -H)] ₂ and [Rh(dippe) ₂ (Î· ^{1/4} -Cl)(Î· ^{1/4} -H)]. <i>Organometallics</i> , 2010, 29, 4923-4931.		25
86	Synthesis, structure, and reductive elimination in the series Tpâ€“2Rh(PR3)(ArF)H; Determination of rhodiumâ€“carbon bond energies of fluoroaryl substituents. <i>Dalton Transactions</i> , 2010, 39, 10495.	3.3	35
87	Selective hydrogenation of the CO bond of ketones using Ni(0) complexes with a chelating bisphosphine. <i>Journal of Molecular Catalysis A</i> , 2009, 309, 1-11.	4.8	39
88	Synthesis, characterization, and Câ€“H/Câ€“C cleavage reactions of two rhodiumâ€“trispypyrazolylborate dihydrides. <i>Inorganica Chimica Acta</i> , 2009, 362, 4416-4421.	2.4	22
89	Selective Câ€“H Activation of Haloalkanes using a Rhodiumtrispypyrazolylborate Complex. <i>Journal of the American Chemical Society</i> , 2009, 131, 10742-10752.	13.7	45
90	Thermodynamic Trends in Carbonâ€“Hydrogen Bond Activation in Nitriles and Chloroalkanes at Rhodium. <i>Journal of Organic Chemistry</i> , 2009, 74, 6907-6914.	3.2	45

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91	Reactivity Differences of Pt ⁰ Phosphine Complexes in C [≡] C Bond Activation of Asymmetric Acetylenes. <i>Organometallics</i> , 2009, 28, 6524-6530.	2.3	27
92	Energetics of C [≡] H Bond Activation of Fluorinated Aromatic Hydrocarbons Using a [Tp ² Rh(CNneopentyl)] Complex. <i>Journal of the American Chemical Society</i> , 2009, 131, 13464-13473.	13.7	117
93	Mechanistic Insights on the Hydrodesulfurization of Biphenyl-2-thiol with Nickel Compounds. <i>Journal of the American Chemical Society</i> , 2009, 131, 4120-4126.	13.7	46
94	C [≡] H Activation of Phenyl Imines and 2-Phenylpyridines with [Cp [*] MCl ₂] ₂ (M = Rh, Ir). <i>Journal of the American Chemical Society</i> , 2008, 130, 12414-12419.	2.3	340
95	Carbon [≡] Sulfur Bond Cleavage of Methyl-Substituted Thiophenes with Iridium(III). <i>Organometallics</i> , 2009, 28, 2661-2667.	2.3	13
96	Bond cleavage reactions in substituted thiophenes by a rhodium complex. <i>Inorganica Chimica Acta</i> , 2008, 361, 3263-3270.	2.4	13
97	Experimental and Theoretical Examination of C [≡] CN Bond Activation of Benzonitrile Using Zerovalent Nickel. <i>Organometallics</i> , 2008, 27, 3811-3817.	2.3	97
98	Solvent Effects and Activation Parameters in the Competitive Cleavage of C [≡] CN and C [≡] H Bonds in 2-Methyl-3-Butenenitrile Using [(dippe)NiH] ₂ . <i>Journal of the American Chemical Society</i> , 2008, 130, 8548-8554.	13.7	64
99	An Efficient Low-Temperature Route to Polycyclic Isoquinoline Salt Synthesis via C [≡] H Activation with [Cp [*] MCl ₂] ₂ (M = Rh, Ir). <i>Journal of the American Chemical Society</i> , 2008, 130, 12414-12419.	13.7	442
100	Selectivity in the Oxidative Addition of C [≡] S Bonds of Substituted Thiophenes to the (C ₅ Me ₅)Rh(PMe ₃) ₃ Fragment: A Comparison of Theory with Experiment. <i>Inorganic Chemistry</i> , 2008, 47, 10889-10894.	4.0	26
101	Oxidative Addition of the C [≡] S Bond of Thiophene to the (C ₅ Me ₅)Rh(PMe ₃) ₃ Fragment: A Theoretical Study Revisited. <i>Organometallics</i> , 2008, 27, 3666-3670.	2.3	22
102	A Deeper Look into Thiophene Coordination Prior to Oxidative Addition of the C [≡] S Bond to Platinum(0): A Computational Study Using DFT and MO Methods. <i>Organometallics</i> , 2008, 27, 53-60.	2.3	26
103	Understanding Selectivity in the Oxidative Addition of the Carbon [≡] Sulfur Bonds of 2-Cyanothiophene to Pt(0). <i>Inorganic Chemistry</i> , 2008, 47, 4596-4604.	4.0	20
104	The activation of alkyl cyanides using a rhodiumtrispyrazolylborate complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 6957-6962.	7.1	35
105	Structural and dynamic properties of propane coordinated to TpRh(CNR) from a confrontation between theory and experiment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 6939-6944.	7.1	33
106	Cleavage of Carbon [≡] Carbon Bonds of Diphenylacetylene and Its Derivatives via Photolysis of Pt Complexes: A Tuning the C [≡] C Bond Formation Energy toward Selective C [≡] C Bond Activation. <i>Journal of the American Chemical Society</i> , 2007, 129, 8729-8735.	13.7	63
107	Catalytic Isomerization of 2-Methyl-3-butenitrile by Nickel Systems Using Bis-diphosphinoferrocene Ligands: Evidence for Hemilability. <i>Organometallics</i> , 2007, 26, 5766-5769.	2.3	53
108	Experimental and Theoretical Examination of C [≡] CN and C [≡] H Bond Activations of Acetonitrile Using Zerovalent Nickel. <i>Journal of the American Chemical Society</i> , 2007, 129, 7562-7569.	13.7	139

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109	Activation of Aromatic, Aliphatic, and Olefinic Carbon-Fluorine Bonds Using Cp*2HfH2. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 2839-2847.	2.0	53
110	The synthesis and structural properties of [M(dippe)(η^2 -C4H4S)] complexes of Pd and Pt and comparison with their Ni analog. <i>Inorganica Chimica Acta</i> , 2006, 359, 2798-2805.	2.4	26
111	Bis(η^4 -2,3,5,6-tetrafluoro-4-(trifluoromethyl)benzenethiolato)bis(η^4 -3,5-cyclooctadiene)rhodium(I). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005, 61, m2204-m2206.	0.2	4
112	Kinetics and mechanism of dealkylation of coordinated isocyanide in Fe(PMe3)2(t-BuNC)3. <i>Canadian Journal of Chemistry</i> , 2005, 83, 626-633.	1.1	14
113	Alkane Coordination Selectivity in Hydrocarbon Activation by [Tp-Rh(CNneopentyl)]: The Role of Alkane Complexes. <i>Journal of the American Chemical Society</i> , 2005, 127, 12315-12322.	13.7	64
114	On the Nature of Carbon-Hydrogen Bond Activation at Rhodium and Related Reactions. <i>Inorganic Chemistry</i> , 2005, 44, 4475-4484.	4.0	124
115	Structural properties and inversion mechanisms of [Rh(dippe)(η^4 -SR)]2 complexes. <i>Inorganica Chimica Acta</i> , 2004, 357, 1836-1846.	2.4	26
116	Carbon-hydrogen bond activation of chloroalkanes by a rhodium trispyrazolylborate complex. <i>Polyhedron</i> , 2004, 23, 413-417.	2.2	21
117	Synthesis, structure and reactivity of [Ir(dippe)(η^4 -Cl)]2, [Ir(dippe)2][Ir(dippe)Cl2] and [Ir(dippe)2]Cl. <i>Polyhedron</i> , 2004, 23, 2959-2965.	2.2	16
118	Defluorination of Perfluoropropene Using Cp*2ZrH2 and Cp*2ZrHF: A Mechanism Investigation from a Joint Experimental-Theoretical Perspective. <i>Journal of the American Chemical Society</i> , 2004, 126, 5647-5653.	13.7	85
119	Cleavage of Carbon-Carbon Bonds in Alkyl Cyanides Using Nickel(0). <i>Organometallics</i> , 2004, 23, 3997-4002.	2.3	139
120	Kinetics, Thermodynamics, and Effect of BPh3 on Competitive C-C and C-H Bond Activation Reactions in the Interconversion of Allyl Cyanide by [Ni(dippe)]. <i>Journal of the American Chemical Society</i> , 2004, 126, 3627-3641.	13.7	182
121	Alkane Complexes as Intermediates in C-H Bond Activation Reactions. <i>ACS Symposium Series</i> , 2004, , 56-69.	0.5	10
122	Cleavage of the Carbon-Carbon Bond in Biphenylene Using Transition Metals. <i>ChemInform</i> , 2003, 34, no.	0.0	0
123	Isotope Effects in C-H Bond Activation Reactions by Transition Metals. <i>Accounts of Chemical Research</i> , 2003, 36, 140-146.	15.6	465
124	Synthesis, Characterization, and Reactivity of a Rhenium Complex with a Corannulene-Based Ligand. <i>Organometallics</i> , 2003, 22, 4829-4832.	2.3	11
125	Activation of C-F bonds using Cp*2ZrH2: a diversity of mechanisms. <i>Dalton Transactions</i> , 2003, , 3991-3995.	3.3	197
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