T Brent Gunnoe

List of Publications by Year
in descending order

153 papers	5,848 citations	61984 43 h-index	98798 67 g-index
162 all docs	162 docs citations	162 times ranked	4322 citing authors

#	Article	IF	Citations
1	To Err is Human; To Reproduce Takes Time. ACS Catalysis, 2022, 12, 3644-3650.	11.2	16
2	Aerobic Partial Oxidation of Alkanes Using Photodriven Iron Catalysis. Inorganic Chemistry, 2022, 61, 759-766.	4.0	9
3	Manganese Catalyzed Partial Oxidation of Light Alkanes. ACS Catalysis, 2022, 12, 5356-5370.	11.2	9
4	Electron-Deficient Ru(II) Complexes as Catalyst Precursors for Ethylene Hydrophenylation. Inorganics, 2022, 10, 76.	2.7	2
5	Oxidative Alkenylation of Arenes Using Supported Rh Materials: Evidence that Active Catalysts are Formed by Rh Leaching. ChemCatChem, 2021, 13, 260-270.	3.7	9
6	Oxygen evolution reaction over catalytic single-site Co in a well-defined brookite TiO2 nanorod surface. Nature Catalysis, 2021, 4, 36-45.	34.4	189
7	Studies of Câ€“H Activation and Functionalization: Combined Computational and Experimental Efforts to Elucidate Mechanisms, Principles, and Catalysts. Springer Series in Materials Science, 2021, , 767-806.	0.6	2
8	<i>ACS Catalysisâ€™s</i> 10th Anniversary Viewpoints. ACS Catalysis, 2021, 11, 343-344.	11.2	0
9	Role of Axial Ligation in Gating the Reactivity of Dimethylplatinum(III) Diimine Radical Cations. Organometallics, 2021, 40, 333-345.	2.3	0
10	<i>ACS Catalysis</i> Welcomes Professor Cathleen Crudden as Editor-in-Chief. ACS Catalysis, 2021, 11, 2397-2397.	11.2	0
11	Reductive Câ€“C Coupling from Molecular Au(I) Hydrocarbyl Complexes: A Mechanistic Study. Journal of the American Chemical Society, 2021, 143, 2509-2522.	13.7	7
12	Thomas Ward Selected to Receive the 2021 ACS Catalysis Lectureship. ACS Catalysis, 2021, 11, 1816-1817.	11.2	0
13	Advances in Group 10 Transition-Metal-Catalyzed Arene Alkylation and Alkenylation. Journal of the American Chemical Society, 2021, 143, 6746-6766.	13.7	25
14	Mechanistic Studies of Styrene Production from Benzene and Ethylene Using [(Î·²-C₂H₄)₂Rh(Î¼-OAc)]₂ as Catalyst Precursor: Identification of a Bis-Rh^I Mono-Cu^{II} Complex As the Catalyst. ACS Catalysis, 2021, 11, 5688-5702.	11.2	9
15	Functionalization of RhIIIâ€“Me Bonds: Use of â€œCapping Areneâ€•Ligands to Facilitate Meâ€“X Reductive Elimination. Organometallics, 2021, 40, 1889-1906.	2.3	3
16	Electrocatalytic Water Oxidation by a Trinuclear Copper(II) Complex. ACS Catalysis, 2021, 11, 7223-7240.	11.2	35
17	Noncovalent Immobilization of Pentamethylcyclopentadienyl Iridium Complexes on Ordered Mesoporous Carbon for Electrocatalytic Water Oxidation. Small Science, 2021, 1, 2100037.	9.9	7
18	Rhodium and Iridium Complexes Bearing â€œCapping Areneâ€•Ligands: Synthesis and Characterization. Organometallics, 2021, 40, 2808-2825.	2.3	4

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19	Immobilization of â€œCapping Areneâ€•Cobalt(II) Complexes on Ordered Mesoporous Carbon for Electrocatalytic Water Oxidation. ACS Catalysis, 2021, 11, 15068-15082.	11.2	8
20	ACS Catalysis Highlights Its Most Cited Papers from Around the Globe: United Kingdom. ACS Catalysis, 2020, 10, 11663-11664.	11.2	3
21	Transition-Metal-Catalyzed Arene Alkylation and Alkenylation: Catalytic Processes for the Generation of Chemical Intermediates. ACS Catalysis, 2020, 10, 14080-14092.	11.2	15
22	Nano-Apples and Orange-Zymes. ACS Catalysis, 2020, 10, 14315-14317.	11.2	33
23	Effects of Additives on Catalytic Arene Câ€“H Activation: Study of Rh Catalysts Supported by Bis-phosphine Pincer Ligands. Organometallics, 2020, 39, 3918-3935.	2.3	4
24	<i>ACS Catalysis</i> Highlights Its Most Cited Papers from Around the Globe: Australia, Saudi Arabia, and Singapore. ACS Catalysis, 2020, 10, 10125-10126.	11.2	4
25	Rhodium-Catalyzed Arene Alkenylation Using Only Dioxygen as the Oxidant. ACS Catalysis, 2020, 10, 11519-11531.	11.2	22
26	<i>ACS Catalysis</i> Highlights Its Most Cited Papers from Around the Globe: Japan. ACS Catalysis, 2020, 10, 10715-10716.	11.2	3
27	ACS Catalysis Highlights Its Most Cited Papers From Around the Globe: United States. ACS Catalysis, 2020, 10, 15140-15141.	11.2	0
28	Organic Electrosynthesis: When Is It Electrocatalysis?. ACS Catalysis, 2020, 10, 13156-13158.	11.2	26
29	Use of Ligand Steric Properties to Control the Thermodynamics and Kinetics of Oxidative Addition and Reductive Elimination with Pincer-Ligated Rh Complexes. Organometallics, 2020, 39, 1917-1933.	2.3	15
30	Synthesis of Stilbenes by Rhodium-Catalyzed Aerobic Alkenylation of Arenes via Câ€“H Activation. Journal of the American Chemical Society, 2020, 142, 10534-10543.	13.7	39
31	Excellence <i>versus</i> Diversity? Not an Either/Or Choice. ACS Catalysis, 2020, 10, 7310-7311.	11.2	4
32	Advances in Rhodium-Catalyzed Oxidative Arene Alkenylation. Accounts of Chemical Research, 2020, 53, 920-936.	15.6	58
33	ACS Catalysis Highlights Its Most Cited Papers from Around the Globe: Denmark and Sweden. ACS Catalysis, 2020, 10, 12340-12341.	11.2	2
34	<i>ACS Catalysis</i> Highlights Its Most Cited Papers from Around the Globe: Germany and The Netherlands. ACS Catalysis, 2020, 10, 13549-13550.	11.2	2
35	Styrene Production from Benzene and Ethylene Catalyzed by Palladium(II): Enhancement of Selectivity toward Styrene via Temperature-dependent Vinyl Ester Consumption. Organometallics, 2019, 38, 3532-3541.	2.3	15
36	Mechanistic Studies of Single-Step Styrene Production Catalyzed by Rh Complexes with Diimine Ligands: An Evaluation of the Role of Ligands and Induction Period. ACS Catalysis, 2019, 9, 7457-7475.	11.2	23

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37	Selective Photoâ€Oxygenation of Light Alkanes Using Iodine Oxides and Chloride. ChemCatChem, 2019, 11, 5045-5054.	3.7	14
38	Generalized Synthetic Strategy for Transition-Metal-Doped Brookite-Phase TiO₂ Nanorods. Journal of the American Chemical Society, 2019, 141, 16548-16552.	13.7	78
39	Rhodium-Catalyzed Alkenylation of Toluene Using 1-Pentene: Regioselectivity To Generate Precursors for Bicyclic Compounds. Organometallics, 2019, 38, 3860-3870.	2.3	15
40	DFT Mechanistic Study of Methane Mono-Esterification by Hypervalent Iodine Alkane Oxidation Process. Journal of Physical Chemistry C, 2019, 123, 15674-15684.	3.1	13
41	Insights into the Speciation of Cu in the Cu-H-Mordenite Catalyst for the Oxidation of Methane to Methanol. ACS Catalysis, 2019, 9, 5308-5319.	11.2	70
42	High Selectivity Towards Formate Production by Electrochemical Reduction of Carbon Dioxide at Copperâ€“Bismuth Dendrites. ChemSusChem, 2019, 12, 231-239.	6.8	51
43	Mechanism of Hydrocarbon Functionalization by an Iodate/Chloride System: The Role of Ester Protection. ACS Catalysis, 2018, 8, 3138-3149.	11.2	23
44	Catalytic Synthesis of Superlinear Alkenyl Arenes Using a Rh(I) Catalyst Supported by a â€œCapping Areneâ€• Ligand: Access to Aerobic Catalysis. Journal of the American Chemical Society, 2018, 140, 17007-17018.	13.7	26
45	Mechanistic Studies of Single-Step Styrene Production Using a Rhodium(I) Catalyst. Journal of the American Chemical Society, 2017, 139, 1485-1498.	13.7	36
46	BrÃ¸nsted acid-catalysed intramolecular hydroamination of unactivated alkenes: metal triflates as an in situ source of triflic acid. Dalton Transactions, 2017, 46, 2884-2891.	3.3	33
47	Studies of the decomposition of the ethylene hydrophenylation catalyst TpRu(CO)(NCMe)Ph. Journal of Organometallic Chemistry, 2017, 847, 289-293.	1.8	4
48	Catalytic Synthesis of â€œSuperâ€•Linear Alkenyl Arenes Using an Easily Prepared Rh(I) Catalyst. Journal of the American Chemical Society, 2017, 139, 5474-5480.	13.7	36
49	Oxidative Hydrophenylation of Ethylene Using a Cationic Ru(II) Catalyst: Styrene Production with Ethylene as the Oxidant. Israel Journal of Chemistry, 2017, 57, 1037-1046.	2.3	15
50	Electrochemical Reduction of Carbon Dioxide to Syngas and Formate at Dendritic Copperâ€“Indium Electrocatalysts. ACS Catalysis, 2017, 7, 5381-5390.	11.2	166
51	Electrophilic RhI catalysts for arene H/D exchange in acidic media: Evidence for an electrophilic aromatic substitution mechanism. Journal of Molecular Catalysis A, 2017, 426, 381-388.	4.8	14
52	Combined Furan Câ€“H Activation and Furyl Ring-Opening by an Iron(II) Complex. Organometallics, 2016, 35, 1978-1985.	2.3	9
53	Transition Metal Mediated Câ€“H Activation and Functionalization: The Role of Poly(pyrazolyl)borate and Poly(pyrazolyl)alkane Ligands. European Journal of Inorganic Chemistry, 2016, 2016, 2296-2311.	2.0	22
54	Transition-Metal-Mediated Nucleophilic Aromatic Substitution with Acids. Organometallics, 2016, 35, 2053-2056.	2.3	17

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55	Aerobic Epoxidation of Olefin by Platinum Catalysts Supported on Mesoporous Silica Nanoparticles. ACS Catalysis, 2016, 6, 4584-4593.	11.2	28
56	Organometallic Complexes Anchored to Conductive Carbon for Electrocatalytic Oxidation of Methane at Low Temperature. Journal of the American Chemical Society, 2016, 138, 116-125.	13.7	34
57	Synthesis of RhIIIAnilido, Hydroxide, and Methoxide Complexes. European Journal of Inorganic Chemistry, 2015, 2015, 1041-1052.	2.0	5
58	Proton or Metal? The H/D Exchange of Arenes in Acidic Solvents. ACS Catalysis, 2015, 5, 769-775.	11.2	54
59	Partial oxidation of light alkanes by periodate and chloride salts. Dalton Transactions, 2015, 44, 5294-5298.	3.3	21
60	A rhodium catalyst for single-step styrene production from benzene and ethylene. Science, 2015, 348, 421-424.	12.6	94
61	Phosphine and N-heterocyclic carbene ligands on Pt(II) shift selectivity from ethylene hydrophenylation toward benzene vinylation. Journal of Organometallic Chemistry, 2015, 793, 248-255.	1.8	6
62	Rhodium Bis(quinolinyl)benzene Complexes for Methane Activation and Functionalization. Chemistry - A European Journal, 2015, 21, 1286-1293.	3.3	24
63	Arene Câ€“H activation using Rh(<scp>i</scp>) catalysts supported by bidentate nitrogen chelates. Catalysis Science and Technology, 2015, 5, 96-100.	4.1	25
64	Reductive Functionalization of a Rhodium(III)â€“Methyl Bond in Acidic Media: Key Step in the Electrophilic Functionalization of Methane. Organometallics, 2014, 33, 6504-6510.	2.3	22
65	Theoretical Study of Reductive Functionalization of Methyl Ligands of Group 9 Complexes Supported by Two Bipyridyl Ligands: A Key Step in Catalytic Hydrocarbon Functionalization. Organometallics, 2014, 33, 1936-1944.	2.3	15
66	Câ€“H Activation of Pyrazolyl Ligands by Ru(II). Inorganic Chemistry, 2014, 53, 6270-6279.	4.0	22
67	Density Functional Theory Study of Oxygen-Atom Insertion into Metalâ€“Methyl Bonds of Iron(II), Ruthenium(II), and Osmium(II) Complexes: Study of Metal-Mediated Câ€“O Bond Formation. Inorganic Chemistry, 2014, 53, 2968-2975.	4.0	16
68	DFT Virtual Screening Identifies Rhodiumâ€“Amidinate Complexes As Potential Homogeneous Catalysts for Methane-to-Methanol Oxidation. ACS Catalysis, 2014, 4, 4455-4465.	11.2	24
69	Long-Range Câ€“H Bond Activation by Rh^{III}-Carboxylates. Journal of the American Chemical Society, 2014, 136, 14690-14693.	13.7	27
70	Metal-free amidation of ether sp3 Câ€“H bonds with sulfonamides using PhI(OAc)2. RSC Advances, 2014, 4, 47951-47957.	3.6	23
71	Reductive functionalization of a rhodium(iii)â€“methyl bond by electronic modification of the supporting ligand. Dalton Transactions, 2014, 43, 8273.	3.3	26
72	Hydrophenylation of ethylene using a cationic Ru(<scp>ii</scp>) catalyst: comparison to a neutral Ru(<scp>ii</scp>) catalyst. Chemical Science, 2014, 5, 4355-4366.	7.4	37

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73	Oxy-functionalization of Group 9 and 10 transition metal methyl ligands: use of pyridine-based hemi-labile ligands. Dalton Transactions, 2014, 43, 7608-7614.	3.3	9
74	Polymers for the stabilization and delivery of proteins topically and per os to the insect hemocoel through conjugation with aliphatic polyethylene glycol. Pesticide Biochemistry and Physiology, 2014, 115, 58-66.	3.6	3
75	1,2-Addition of Dihydrogen across Rhodium(III)â€“OMe Bonds. Inorganic Chemistry, 2014, 53, 5328-5340.	4.0	7
76	Selective CH Functionalization of Methane, Ethane, and Propane by a Perfluoroarene Iodine(III) Complex. Angewandte Chemie - International Edition, 2014, 53, 10490-10494.	13.8	62
77	Selective Monooxidation of Light Alkanes Using Chloride and Iodate. Journal of the American Chemical Society, 2014, 136, 8393-8401.	13.7	53
78	Oxygen Atom Insertion into Iron(II) Phenyl and Methyl Bonds: A Key Step for Catalytic Hydrocarbon Functionalization. Organometallics, 2014, 33, 5597-5605.	2.3	13
79	Pt^{II}-Catalyzed Hydrophenylation of Î±-Olefins: Variation of Linear/Branched Products as a Function of Ligand Donor Ability. ACS Catalysis, 2014, 4, 1607-1615.	11.2	36
80	Activation of carbonâ€“hydrogen bonds and dihydrogen by 1,2-CH-addition across metalâ€“heteroatom bonds. Dalton Transactions, 2013, 42, 16646.	3.3	76
81	Facile and Regioselective Câ€“H Bond Activation of Aromatic Substrates by an Fe(II) Complex Involving a Spin-Forbidden Pathway. Organometallics, 2013, 32, 1797-1806.	2.3	32
82	Variable Pathways for Oxygen Atom Insertion into Metalâ€“Carbon Bonds: The Case of Cp*W(O)₂(CH₂SiMe₃). Journal of the American Chemical Society, 2013, 135, 424-435.	13.7	28
83	Platinum(II)-Catalyzed Ethylene Hydrophenylation: Switching Selectivity between Alkyl- and Vinylbenzene Production. Organometallics, 2013, 32, 2857-2865.	2.3	34
84	Pt^{II}-Catalyzed Ethylene Hydrophenylation: Influence of Dipyridyl Chelate Ring Size on Catalyst Activity and Longevity. ACS Catalysis, 2013, 3, 1165-1171.	11.2	45
85	Control of Olefin Hydroarylation Catalysis via a Sterically and Electronically Flexible Platinum(II) Catalyst Scaffold. Organometallics, 2013, 32, 3903-3913.	2.3	40
86	Pt^{II} and Rh^{III} Hydrocarbyl Complexes Bearing Coordinated Oxygen Atom Delivery Reagents. European Journal of Inorganic Chemistry, 2013, 2013, 4515-4525.	2.0	9
87	Carbonâ€“Oxygen Bond Formation via Organometallic Baeyerâ€“Villiger Transformations: A Computational Study on the Impact of Metal Identity. Journal of the American Chemical Society, 2012, 134, 2332-2339.	13.7	44
88	Flavin-Catalyzed Insertion of Oxygen into Rheniumâ€“Methyl Bonds. Journal of the American Chemical Society, 2012, 134, 12920-12923.	13.7	34
89	Catalytic Hydroarylation of Ethylene Using TpRu(L)(NCMe)Ph (L =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 112 Td (2,6,7-Trioxa 2012, 31, 6851-6860.	2.3	43
90	Intramolecular Hydroalkoxylation and Hydroamination of Alkynes Catalyzed by Cu(I) Complexes Supported by <i>N</i>-Heterocyclic Carbene Ligands. ACS Catalysis, 2012, 2, 2182-2193.	11.2	65

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91	DFT study of group 8 catalysts for the hydrophenylation of ethylene: Influence of ancillary ligands and metal identity. Journal of Organometallic Chemistry, 2012, 697, 15-22.	1.8	10
92	Functionalization of Rhenium Aryl Bonds by O-Atom Transfer. Organometallics, 2011, 30, 2079-2082.	2.3	35
93	Hyperdistorted Tungsten Allyl Complexes and Their Stereoselective Deprotonation to Form Dihapto-Coordinated Dienes. Organometallics, 2011, 30, 2587-2597.	2.3	24
94	Mechanistic Studies of Ethylene Hydrophenylation Catalyzed by Bipyridyl Pt(II) Complexes. Journal of the American Chemical Society, 2011, 133, 19131-19152.	13.7	76
95	Well-Defined Copper(I) Amido Complex and Aryl Iodides Reacting to Form Aryl Amines. Organometallics, 2011, 30, 55-57.	2.3	24
96	Non-redox Oxy-Insertion via Organometallic Baeyerâ€“Villiger Transformations: A Computational Hammett Study of Platinum(II) Complexes. Organometallics, 2011, 30, 3779-3785.	2.3	35
97	Chemistry in the Center for Catalytic Hydrocarbon Functionalization: An Energy Frontier Research Center. Catalysis Letters, 2011, 141, 213-221.	2.6	35
98	Catalytic Oxyâ€Functionalization of Methane and Other Hydrocarbons: Fundamental Advancements and New Strategies. ChemSusChem, 2011, 4, 37-49.	6.8	113
99	Transition metal catalyzed hydroarylation of olefins using unactivated substrates: Recent developments and challenges. Journal of Organometallic Chemistry, 2011, 696, 305-315.	1.8	110
100	Pt(II) and Pt(IV) Amido, Aryloxide, and Hydrocarbyl Complexes: Synthesis, Characterization, and Reaction with Dihydrogen and Substrates that Possess Câˆ’H Bonds. Inorganic Chemistry, 2011, 50, 4195-4211.	4.0	28
101	Net Hydrogenation of Ptâˆ’NHPh Bond Is Catalyzed by Elemental Pt. Journal of the American Chemical Society, 2010, 132, 4520-4521.	13.7	18
102	Ligand Lone-Pair Influence on Hydrocarbon Câˆ’H Activation: A Computational Perspective. Organometallics, 2010, 29, 6801-6815.	2.3	53
103	Combined experimental and computational study of W(II), Ru(II), Pt(IV) and Cu(I) amine and amido complexes using 15N NMR spectroscopy. Journal of Organometallic Chemistry, 2009, 694, 1549-1556.	1.8	6
104	Ru(II) Catalysts Supported by Hydridotris(pyrazolyl)borate for the Hydroarylation of Olefins: Reaction Scope, Mechanistic Studies, and Guides for the Development of Improved Catalysts. Accounts of Chemical Research, 2009, 42, 585-597.	15.6	189
105	Activation of sp³ Carbonâ€“Hydrogen Bonds by a Ruthenium(II) Complex and Subsequent Metalâ€Mediated Cï£¿C and Cï£¿N Bond Formation. Angewandte Chemie - International Edition, 2008, 47, 726-730.	13.8	37
106	Anti-Markovnikov hydroamination and hydrothiolation of electron-deficient vinylarenes catalyzed by well-defined monomeric copper(<scp>i</scp>) amido and thiolate complexes. Chemical Communications, 2008, , 111-113.	4.1	95
107	Aromatic Câˆ’H Activation and Catalytic Hydrophenylation of Ethylene by TpRu{P(OCH₂)₃CEt}(NCMe)Ph. Organometallics, 2008, 27, 3007-3017.	2.3	55
108	Preparation and Reactivity of a Monomeric Octahedral Platinum(IV) Amido Complex. Inorganic Chemistry, 2008, 47, 6124-6126.	4.0	9

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109	Hydroarylation of Unactivated Olefins Catalyzed by Platinum(II) Complexes. Organometallics, 2008, 27, 4031-4033.	2.3	77
110	Combined Experimental and Computational Studies on the Nature of Aromatic Câˆ'H Activation by Octahedral Ruthenium(II) Complexes: Evidence for Ïƒ-Bond Metathesis from Hammett Studies. Organometallics, 2007, 26, 6604-6611.	2.3	41
111	Comparative Reactivity of TpRu(L)(NCMe)Ph (L = CO or PMe3):Â Impact of Ancillary Ligand L on Activation of Carbonâˆ'Hydrogen Bonds Including Catalytic Hydroarylation and Hydrovinylation/Oligomerization of Ethylene. Journal of the American Chemical Society, 2007, 129, 6765-6781.	13.7	99
112	Activation of Carbonâˆ'Hydrogen Bonds via 1,2-Addition across Mâˆ'X (X = OH or NH2) Bonds of d6Transition Metals as a Potential Key Step in Hydrocarbon Functionalization:Â A Computational Study. Journal of the American Chemical Society, 2007, 129, 13172-13182.	13.7	77
113	Addition of Sâˆ'H Bonds across Electron-Deficient Olefins Catalyzed by Well-Defined Copper(I) Thiolate Complexes. Inorganic Chemistry, 2007, 46, 2365-2367.	4.0	92
114	Combined Experimental and Computational Study of TpRu{P(pyr)3}(NCMe)Me (pyr =N-pyrrolyl):Â Inter- and Intramolecular Activation of Câˆ'H Bonds and the Impact of Sterics on Catalytic Hydroarylation of Olefins. Organometallics, 2007, 26, 5507-5516.	2.3	50
115	Addition of Nâˆ'H and Oâˆ'H Bonds of Amines and Alcohols to Electron-Deficient Olefins Catalyzed by Monomeric Copper(I) Systems:â€‰ Reaction Scope, Mechanistic Details, and Comparison of Catalyst Efficiency. Organometallics, 2007, 26, 1483-1493.	2.3	131
116	Reactivity of Ruthenium(II) and Copper(I) Complexes that Possess Anionic Heteroatomic Ligands: Synthetic Exploitation of Nucleophilicity and Basicity of Amido, Hydroxo, Alkoxo, and Aryloxo Ligands for the Activation of Substrates that Possess Polar Bonds as well as Nonpolar Câ€"H and Hâ€"H Bonds. European Journal of Inorganic Chemistry, 2007, 2007, 1185-1203.	2.0	65
117	Reactivity of TpRu(L)(NCMe)R (L=CO, PMe3; R=Me, Ph) systems with isonitriles: Experimental and computational studies toward the intra- and intermolecular hydroarylation of isonitriles. Journal of Organometallic Chemistry, 2007, 692, 2175-2186.	1.8	15
118	Hydrogenâˆ'Deuterium Exchange between TpRu(PMe3)(L)X (L = PMe3and X = OH, OPh, Me, Ph, or NHPh; L =) Tj ETQq0 0 0 rgBT /Overlo the American Chemical Society, 2006, 128, 7982-7994.	13.7	77
119	Octahedral [TpRu(PMe3)2OR]n+ Complexes (Tp = hydridotris(pyrazolyl)borate; R = H or Ph; n = 0 or 1):â€‰ Reactions at Ru(II) and Ru(III) Oxidation States with Substrates that Possess Carbonâˆ'Hydrogen Bonds. Organometallics, 2006, 25, 5456-5465.	2.3	29
120	Chemistry Surrounding Monomeric Copper(I) Methyl, Phenyl, Anilido, Ethoxide, and Phenoxide Complexes Supported byN-Heterocyclic Carbene Ligands:Â Reactivity Consistent with Both Early and Late Transition Metal Systems. Inorganic Chemistry, 2006, 45, 9032-9045.	4.0	91
121	Reactions of a Ru(II) Phenyl Complex with Substrates that Possess Câˆ'N or Câˆ'O Multiple Bonds:â€‰ Câˆ'C Bond Formation, Nâˆ'H Bond Cleavage, and Decarbonylation Reactions. Organometallics, 2006, 25, 1500-1510.	2.3	26
122	Anti-Markovnikov Nâˆ'H and Oâˆ'H Additions to Electron-Deficient Olefins Catalyzed by Well-Defined Cu(I) Anilido, Ethoxide, and Phenoxide Systems. Journal of the American Chemical Society, 2006, 128, 1446-1447.	13.7	107
123	Single-Electron Oxidation of Monomeric Copper(I) Alkyl Complexes:â€‰ Evidence for Reductive Elimination through Bimolecular Formation of Alkanes. Organometallics, 2006, 25, 4097-4104.	2.3	42
124	Ruthenium(II)-Mediated Carbonâˆ'Carbon Bond Formation between Acetonitrile and Pyrrole:Â Combined Experimental and Computational Study. Organometallics, 2005, 24, 5015-5024.	2.3	27
125	Cleavage of Xâˆ'H Bonds (X = N, O, or C) by Copper(I) Alkyl Complexes To Form Monomeric Two-Coordinate Copper(I) Systems. Inorganic Chemistry, 2005, 44, 8647-8649.	4.0	78
126	Evidence for the Net Addition of Arene Câˆ'H Bonds across a Ru(II)âˆ'Hydroxide Bond. Journal of the American Chemical Society, 2005, 127, 14174-14175.	13.7	112

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127	Reactions of (PCP)Ru(CO)(NHPh)(PMe3) (PCP = 2,6-(CH2PtBu2)2C6H3) with Substrates That Possess Polar Bonds. Inorganic Chemistry, 2005, 44, 2895-2907.	4.0	30
128	Conversions of Ruthenium(III) Alkyl Complexes to Ruthenium(II) through Ruâ^'Calkyl Bond Homolysis. Organometallics, 2005, 24, 1301-1305.	2.3	23
129	Synthesis and Reactivity of a Coordinatively Unsaturated Ruthenium(II) Parent Amido Complex:â€‰ Studies of Xâ^'H Activation (X = H or C). Organometallics, 2004, 23, 2724-2733.	2.3	109
130	Experimental and Computational Studies of Ruthenium(II)-Catalyzed Addition of Arene Câ^'H Bonds to Olefins. Organometallics, 2004, 23, 5007-5020.	2.3	123
131	Reactions of TpRu(CO)(NCMe)(Me) (Tp = Hydridotris(pyrazolyl)borate) with Heteroaromatic Substrates:â€‰ Stoichiometric and Catalytic Câ^'H Activation. Organometallics, 2004, 23, 5514-5523.	2.3	65
132	Ruthenium(II) Anilido Complex Containing a Bisphosphine Pincer Ligand:Â Reversible Formation of Amidinate Ligands via Intramolecular Câ^'N Bond Formation. Organometallics, 2004, 23, 3094-3097.	2.3	16
133	Synthesis, Solid-State Crystal Structure, and Reactivity of a Monomeric Copper(I) Anilido Complex. Journal of the American Chemical Society, 2003, 125, 9435-9441.	13.7	57
134	Computational Study of Methane Activation by TpRe(CO)2 and CpRe(CO)2 with a Stereoelectronic Comparison of Cyclopentadienyl and Scorpionate Ligands. Organometallics, 2003, 22, 2331-2337.	2.3	71
135	Radical Polymerization of Styrene and Methyl Methacrylate with Ruthenium(II) Complexes. Organometallics, 2003, 22, 4692-4698.	2.3	24
136	Octahedral Ru(II) Amido Complexes TpRu(L)(Lâ€˜)(NHR) (Tp = Hydridotris(pyrazolyl)borate; L = Lâ€˜ = P(OMe)3) Tj ETQq0 0 0 rgBT /Ove Weakly Acidic Câ^'H Bonds. Inorganic Chemistry, 2003, 42, 4759-4772.	4.0	43
137	Addition of Arenes to Ethylene and Propene Catalyzed by Ruthenium. Journal of the American Chemical Society, 2003, 125, 7506-7507.	13.7	141
138	Reactions of Ruthenium Benzylidene Complexes with Cyclic and Acyclic Imines:â€‰ Oligomerization of 1-Pyrroline and Metathesis via Tautomerism. Organometallics, 2003, 22, 2291-2297.	2.3	11
139	Ruthenium(II) Anilido Complexes TpRuL2(NHPh):Â Oxidative 4,4â€˜-Aryl Coupling Reactions (Tp =) Tj ETQq1 1 0.784314 rgBT /Overlock	2.3	14
140	Ligand-Modulated Stereo- and Regioselective Tandem Addition Reactions of Rhenium-Bound Naphthalene. Journal of the American Chemical Society, 2002, 124, 3309-3315.	13.7	32
141	Influence of Filled dÏ€-Manifold and L/Lâ€˜ Ligands on the Structure, Basicity, and Bond Rotations of the Octahedral and d6Amido Complexes TpRu(L)(Lâ€˜)(NHPh) (Tp = Hydridotris(pyrazolyl)borate; L = Lâ€˜ =) Tj ETQq1 1 0.784314 rgBT /Ov	4.0	41
142	Synthesis of the RuIV-amido complex [TpRu(CO)(PPh3)(NHPh)][OTf]2 (Tp = hydridotris(pyrazolyl)borate); Tj ETQq0 0 0 rgBT /Overlock computational study of RuIVâ€"imido bondingElectronic supplementary information (ESI) available: experimental procedures; Table 1 comparing calculated structural parameters for complex 2 versus data from the CSD; references. See http://www.rsc.org/suppdata/cc/b1/b110999e/. Chemical Communications, 2002, , 372-373.	4.1	8
143	Dihapto Coordination of Aromatic Molecules by the Asymmetric Ï€-Bases {TpRe(CO)(L)} (Tp =) Tj ETQq1 1 0.784314 rgBT /Overlock 1 2001, 20, 3661-3671.	2.3	43
144	Preparation of the Octahedral d6 Amido Complex TpRu(CO)(PPh3)(NHPh) (Tp =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td (Hydridotri Chemistry, 2001, 40, 6481-6486.	4.0	30

#	Article	IF	Citations
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