

Kenneth G Caulton

List of Publications by Year in descending order

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184
docs citations

184
times ranked

3425
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure of tetra-n-butyratodiruthenium chloride, a compound with a strong metal-metal bond. <i>Inorganic Chemistry</i> , 1969, 8, 1-6.	1.9	152
2	π -Stabilized, yet Reactive, Half-Sandwich Cp*Ru(PR ₃)X Compounds: Synthesis, Structure, and Bonding. <i>Inorganic Chemistry</i> , 1995, 34, 488-499.	1.9	130
3	Soluble copper hydrides: solution behavior and reactions related to carbon monoxide hydrogenation. <i>Journal of the American Chemical Society</i> , 1981, 103, 7354-7355.	6.6	128
4	RuHX(CO)(PR ₃) ₂ : Can ν .CO Be a Probe for the Nature of the Ru-X Bond?. <i>Inorganic Chemistry</i> , 1994, 33, 1476-1485.	1.9	122
5	Systematics and Future Projections Concerning Redox-Noninnocent Amide/Imine Ligands. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 435-443.	1.0	115
6	Hydride Is Not a Spectator Ligand in the Formation of Hydrido Vinylidene from Terminal Alkyne and Ruthenium and Osmium Hydrides: A Mechanistic Differences. <i>Organometallics</i> , 1998, 17, 3091-3100.	1.1	111
7	14-Electron Four-Coordinate Ru(II) Carbonyl Complexes and Their Five-Coordinate Precursors: A Synthesis, Double Agostic Interactions, and Reactivity. <i>Journal of the American Chemical Society</i> , 1999, 121, 8087-8097.	6.6	109
8	Facile and Reversible Cleavage of C-F Bonds. Contrasting Thermodynamic Selectivity for RuCF ₂ H vs FOCFH. <i>Journal of the American Chemical Society</i> , 2000, 122, 8916-8931.	6.6	99
9	Four-Coordinate, Planar Ru(II). A Triplet State as a Response to a 14-Valence Electron Configuration. <i>Journal of the American Chemical Society</i> , 2003, 125, 8426-8427.	6.6	91
10	Structure and H ₂ -Loss Energies of OsHX(H ₂)(CO)L ₂ Complexes (L = P(t-Bu) ₂ Me, P(i-Pr) ₃ ; X = Cl, I, H): An Attempted Correlation of ν (H-C), T ₁ min, and ν (C-H). <i>Inorganic Chemistry</i> , 1996, 35, 6775-6783.	1.9	90
11	Inertness of the Aryl-F Bond toward Oxidative Addition to Osmium and Rhodium Complexes: A Thermodynamic or Kinetic Origin?. <i>Journal of the American Chemical Society</i> , 1998, 120, 12634-12640.	6.6	90
12	C-F Bond Cleavage in H ₂ CCH(DO) by (Cp ₂ ZrHCl) _n : A Mechanism, Agostic Fluorines, and a Carbene of Zr(IV). <i>Journal of the American Chemical Society</i> , 2001, 123, 603-611.	6.6	88
13	Coordinated carbenes from electron-rich olefins on RuHCl(PPr ₃) ₂ . <i>New Journal of Chemistry</i> , 2000, 24, 9-26.	1.4	87
14	The First η -2-CH ₂ Cl ₂ Adduct of Ru(II): [RuH(η -2-CH ₂ Cl ₂)(CO)(PtBu ₂ Me) ₂][BAr ⁻ ₄] (Ar ⁻ = 3,5-C ₆ H ₃ (CF ₃) ₂) and Its RuH(CO)(PtBu ₂ Me) ₂ + Precursor. <i>Journal of the American Chemical Society</i> , 1997, 119, 7398-7399.	6.6	86
15	Hydrogen binding to and fluxional behavior of Ir(H)2X(P-tert-Bu ₂ R) ₂ (X = Cl, Br, I; R = Me, Ph). <i>Journal of the American Chemical Society</i> , 1994, 116, 208-214.	6.6	83
16	New Access to Vinylidenes from Ruthenium Polyhydrides. <i>Organometallics</i> , 1997, 16, 2227-2229.	1.1	81
17	Distinct structures for ruthenium and osmium hydrido halides: Os(H)3X(PiPr ₃) ₂ (X = Cl, Br, I) are nonoctahedral classical trihydrides with exchange coupling. <i>Journal of the American Chemical Society</i> , 1994, 116, 2685-2686.	6.6	78
18	Influence of the d-Electron Count on CO Binding by Three-Coordinate [(^t Bu) ₂ PCH ₂ SiMe ₂] ₂ Fe, -Co, and -Ni. <i>Inorganic Chemistry</i> , 2008, 47, 407-409.	1.9	78

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19	RuX(CO)(NO)L ₂ and Ru(CO)(NO)L ₂ : Ru(0) or Ru(II) or In Between?. <i>Journal of the American Chemical Society</i> , 1997, 119, 8642-8651.	6.6	77
20	Mechanism of Heterolysis of H ₂ by an Unsaturated d ⁸ Nickel Center: via Tetravalent Nickel?. <i>Journal of the American Chemical Society</i> , 2010, 132, 910-911.	6.6	76
21	A Facile Approach to a d ⁴ Ru ⁰ Moiety. <i>Journal of the American Chemical Society</i> , 2005, 127, 5330-5331.	6.6	75
22	A <i>cis</i> -Divacant Octahedral and Mononuclear Iron(IV) Imide. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 14139-14143.	7.2	74
23	Factors governing the equilibrium between metal-alkyl, alkylidene and alkylidyne: MCX ₂ R, Xi-M...CXR and X ₂ M†CR. <i>Journal of Organometallic Chemistry</i> , 2001, 617-618, 56-64.	0.8	72
24	Modulation of reactivity and stereochemistry of substrate binding by the group X in RuHX(CO)(P- <i>tert</i> -Bu ₂ Me) ₂ . <i>Inorganic Chemistry</i> , 1993, 32, 5490-5501.	1.9	69
25	Characterization and Reactivity of an Unprecedented Unsaturated Zero-Valent Ruthenium Species: An Isolable, Yet Highly Reactive. <i>Journal of the American Chemical Society</i> , 1996, 118, 10189-10199.	6.6	69
26	New Entries to and New Reactions of Fluorocarbon Ligands. <i>Journal of the American Chemical Society</i> , 1997, 119, 3185-3186.	6.6	65
27	Low-temperature infrared study of d ⁰ carbonyl complexes. <i>Journal of the American Chemical Society</i> , 1980, 102, 7244-7246.	6.6	61
28	Redox Chemistry of the Triplet Complex (PNP)Co ^I . <i>Journal of the American Chemical Society</i> , 2008, 130, 4262-4276.	6.6	61
29	A 14-Electron Ruthenium(II) Hydride, [RuH(CO)(PtBu ₂ Me) ₂]BAR ⁴ (Ar ⁻ = 3,5-(C ₆ H ₃)(CF ₃) ₂): Synthesis, Structure, and Reactivity toward Alkenes and Oxygen Ligands. <i>Organometallics</i> , 2000, 19, 2281-2290.	1.1	59
30	Facile Hydrogenation of N ₂ O by an Operationally Unsaturated Osmium Polyhydride. <i>Journal of the American Chemical Society</i> , 2007, 129, 8706-8707.	6.6	59
31	CO-Induced C(sp ²)/C(sp) Coupling on Ru and Os: A Comparative Study. <i>Organometallics</i> , 1998, 17, 4700-4706.	1.1	58
32	Cleavage of H ⁺ C(sp ²) and C(sp ²) ⁺ X Bonds (X = Alkyl, Aryl, OR, NR ₂): Facile Decarbonylation, Isonitrile Abstraction, or Dehydrogenation of Aldehydes, Esters, Amides, Amines, and Imines by [RuHCl(PiPr ₃) ₂] ₂ . <i>Organometallics</i> , 2000, 19, 3569-3578.	1.1	58
33	Geminal dehydrogenation of ether and amine C(sp ³)H ₂ groups by electron-rich Ru(II) and Os. Electronic supplementary information (ESI) available: crystallographic data, fractional coordinates and isotropic thermal parameters, anisotropic thermal parameters, and bond distances and angles. See http://www.rsc.org/suppdata/ni/b2/b200168n/ . <i>New Journal of Chemistry</i> , 2002, 26, 687-700.	1.4	57
34	[(<i>t</i> Bu ₂ PCH ₂ SiMe ₂) ₂ N]Rh: Rapidly Reversible H ⁺ C(sp ³) and H ⁺ C(sp ²) Bond Cleavage by Rhodium(I). <i>Organometallics</i> , 2008, 27, 166-168.	1.1	57
35	A comprehensive view of M ⁺ H addition across the RCi ⁺ CH bond: frustration culminating in ultimate union. <i>New Journal of Chemistry</i> , 2001, 25, 1244-1255.	1.4	56
36	[Ru(Ph)(CO)(PtBu ₂ Me) ₂] ⁺ : A Unique 14-Electron Ru ^{II} Complex with Two Agostic Interactions. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 2004-2006.	4.4	51

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37	Spin State, Structure, and Reactivity of Terminal Oxo and Dioxygen Complexes of the (PNP)Rh Moiety. <i>Chemistry - A European Journal</i> , 2008, 14, 7680-7686.	1.7	51
38	Structural and Dynamic Properties of OsH ₂ X ₂ L ₂ (X = Cl, Br, I; L = PiPr ₃) Complexes: Interconversion between Remarkable Non-Octahedral Isomers. <i>Journal of the American Chemical Society</i> , 1995, 117, 281-292.	6.6	50
39	Reducing Power of Three-Coordinate Cobalt(I). <i>Journal of the American Chemical Society</i> , 2006, 128, 4248-4249.	6.6	50
40	Carbene Complexes from Olefins, Using RuHCl(PiPr ₃) ₂ . Influence of the Olefin Substituent. <i>Journal of the American Chemical Society</i> , 1998, 120, 9388-9389.	6.6	49
41	Exploring the Reactivity of Four-Coordinate PNPCoX with Access to Three-Coordinate Spin Triplet PNPCo. <i>Inorganic Chemistry</i> , 2007, 46, 10321-10334.	1.9	49
42	Triple Benzylic Dehydrogenation by Osmium in an Amide Ligand Environment. <i>Organometallics</i> , 2006, 25, 802-804.	1.1	46
43	Probing the Steric and Electronic Characteristics of a New Bis-Pyrrolide Pincer Ligand. <i>Inorganic Chemistry</i> , 2014, 53, 1361-1369.	1.9	46
44	Assessment of the Electronic Structure of 2,2'-Pyridylpyrrolides as Ligands. <i>Inorganic Chemistry</i> , 2011, 50, 8121-8131.	1.9	44
45	Reactivity of [RuHCl(PiPr ₃) ₂] ₂ with Functionalized Vinyl Substrates. The H ₂ Ligand as a Sensitive Probe of Electronic Structure. <i>Inorganic Chemistry</i> , 2000, 39, 3749-3756.	1.9	43
46	Quantum Exchange Coupling: A Hypersensitive Indicator of Weak Interactions. <i>Journal of the American Chemical Society</i> , 1997, 119, 10153-10169.	6.6	42
47	Conversion of Ethylene to Hydride and Ethylidyne by an Amido Rhenium Polyhydride. <i>Organometallics</i> , 2003, 22, 2539-2541.	1.1	42
48	Oxidatively Induced Reductive Elimination from Ru(C ₂ Ph) ₂ (CO)(PtBu ₂ Me) ₂ and Ru(CHCHPh)(C ₂ Ph)(CO)(PtBu ₂ Me) ₂ . <i>Organometallics</i> , 1995, 14, 875-888.	1.1	40
49	Multiplying the electron storage capacity of a bis-tetrazine pincer ligand. <i>Dalton Transactions</i> , 2014, 43, 6513-6524.	1.6	39
50	Reactivity of the Hydrido/Nitrosyl Radical MHCl(NO)(CO)(PiPr ₃) ₂ , M = Ru, Os. <i>Inorganic Chemistry</i> , 2004, 43, 351-360.	1.9	38
51	Two- and Three-Electron Oxidation of Single-Site Vanadium Centers at Surfaces by Ligand Design. <i>Journal of the American Chemical Society</i> , 2015, 137, 7898-7902.	6.6	37
52	Diminishing π -Stabilization of an Unsaturated Metal Center: Hydrogen Bonding to OsHCl(CO)(PtBu ₂ Me) ₂ . <i>Journal of the American Chemical Society</i> , 1998, 120, 12553-12563.	6.6	36
53	Double C(sp ³) dehydrogenation as a route to coordinated Arduengo carbenes: experiment and computation on comparative π -acidity. <i>New Journal of Chemistry</i> , 2003, 27, 1446-1450.	1.4	36
54	Cleavage of F-C(sp ²) bonds by MHR(CO)(PtBu ₂ Me) ₂ (M=Os and Ru; R=H, CH ₃ or Aryl): Product dependence on M and R. <i>Polyhedron</i> , 2006, 25, 459-468.	1.0	36

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55	Hydrogen Migration and HCl Elimination Promoted by Metal-Centered Nucleophilic Attack on Osmium Hydrido σ -Carbynes. <i>Organometallics</i> , 1998, 17, 5260-5266.	1.1	34
56	N ₂ Provides Insight into the Mechanism of H α -C(sp ³) Bond Cleavage. <i>Journal of the American Chemical Society</i> , 2005, 127, 16780-16781.	6.6	34
57	Oxide Formation upon Thermolysis of a Pb(II)/Zr(IV) Alkoxide. <i>Journal of the American Chemical Society</i> , 1996, 118, 4030-4035.	6.6	33
58	New Approaches to Functionalizing Metal π -Coordinated N ₂ . <i>Angewandte Chemie - International Edition</i> , 2013, 52, 4726-4732.	7.2	33
59	B π -Alkyne Reactions Catalyzed by a Silver(I) Pyridylpyrrolide: Understanding Arene C α -C Insertion Selectivity. <i>Organometallics</i> , 2013, 32, 3185-3191.	1.1	33
60	Synthesis of [Cu ₃ Os ₃ H ₉ (PMe ₂ Ph) ₉], a Bimetallic Raft, by Reductive Elimination of Alcohol or H ₂ . <i>Angewandte Chemie International Edition in English</i> , 1986, 25, 262-264.	4.4	32
61	[Ni{N(SiMe ₂ CH ₂ Pr) ₂ } ₂] ⁺ : Direct Observation of Transannular Si π -C(sp ³) Bond Coordination. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 9112-9114.	7.2	31
62	Hindered rotation about single bonds in RuHX(CO)(PtBu ₂ Me) ₂ and IrHCl ₂ (PtBu ₂ Me) ₂ . <i>Inorganica Chimica Acta</i> , 1995, 229, 187-193.	1.2	30
63	[2.1.1]-(2,6)-Pyridinophane(L)-controlled alkane C α -H bond cleavage: (L)PtMe ₂ H ⁺ as a precursor to the geometrically σ -transient (L)PtMe ⁺ Electronic supplementary information (ESI) available: complete experimental and characterization data. See http://www.rsc.org/suppdata/nj/b3/b302055j/ . <i>New Journal of Chemistry</i> , 2003, 27, 665-667.	1.4	30
64	Controlled Stoichiometric Incorporation of Ti(IV) into a Zr(IV) Pinacolate. <i>Inorganic Chemistry</i> , 1998, 37, 5856-5861.	1.9	29
65	N α -PtIV α -H/N α -PtII intramolecular redox equilibrium in a product of H α -C(sp ²) cleavage and unusual alkane/arene C α -H bond selectivity of ([2.1.1]pyridinophane)PtII(CH ₃) ⁺ Electronic supplementary information (ESI) available: experimental details. See http://www.rsc.org/suppdata/cc/b2/b207797n/ . <i>Chemical Communications</i> , 2003, , 358-359.	2.2	29
66	Identification of an elusive catalyst: IrH(η -2-C ₆ H ₄ PtBu ₂)(Cl)(PtBu ₂ Ph) as a precursor for C=C bond migration. <i>Inorganica Chimica Acta</i> , 1996, 251, 41-51.	1.2	28
67	A New Class of Electron-Rich Unsaturated Molecules: Ru ₂ HnX _{4-n} (PiPr ₃) ₄ , X = Anion. <i>Inorganic Chemistry</i> , 2000, 39, 3757-3764.	1.9	28
68	Isomeric Hydrido/Vinylidene, MH(halide)(CCH ₂) ₂ L ₂ , and Ethylidyne, M(halide)(C α -CH ₃) ₂ L ₂ (M = Os, Ru; L =) <i>J. Organomet. Chem.</i> 1997, 527, 1-11.	1.1	27
69	Coordination and electronic characteristics of a nitrogen heterocycle pincer ligand. <i>Inorganica Chimica Acta</i> , 2016, 451, 82-91.	1.2	27
70	Phosphine Dissociation Mediates C α -H Cleavage of Fluoroarenes by OsH(C ₆ H ₅)(CO)(PtBu ₂ Me) ₂ . <i>Journal of the American Chemical Society</i> , 1999, 121, 10895-10907.	6.6	26
71	Silyl Migration of Me ₃ SiCCPh Coordinated to [RuH(CO)(PtBu ₂ Me) ₂] ₄ Can Be Reversed: Synthesis and Structure of [Ru(CHC(SiMe ₃)(Ph))(CO)(PtBu ₂ Me) ₂] ₄ . <i>Journal of the American Chemical Society</i> , 1999, 121, 10318-10322.	6.6	26
72	Redox and Lewis Acid Reactivity of Unsaturated OsII. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 4790-4800.	1.0	26

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73	Three-Coordinate Ni ^{II} : Tracing the Origin of an Unusual, Facile Si [~] C(sp ³) Bond Cleavage in [(⁺ t _i) ₂ Bu ₂ PCH ₂ SiMe ₂) ₂ N]Ni ⁺ . Journal of the American Chemical Society, 2011, 133, 2571-2582.	6.6	26
74	Mechanism of N/O Bond Scission of N ₂ O by an Unsaturated Rhodium Transient. Journal of the American Chemical Society, 2011, 133, 12576-12583.	6.6	26
75	A Multifunctional Pincer Ligand Supports Unsaturated Cobalt: Five Functionalities in One Pincer. Chemistry - A European Journal, 2017, 23, 8039-8050.	1.7	26
76	Estimating the Effective Steric Impact of PtBu ₂ Me, PiPr ₃ , and PCy ₃ . Organometallics, 1996, 15, 4900-4903.	1.1	25
77	Amido/phosphine pincer hydrides of ruthenium. New Journal of Chemistry, 2003, 27, 263-273.	1.4	25
78	Probing the redox non-innocence of dinuclear, three-coordinate Co(ii) nindigo complexes: not simply η^2 -diketiminato variants. Chemical Communications, 2012, 48, 11082.	2.2	25
79	Selective deoxygenation of nitrate to nitrosyl using trivalent chromium and the Mashima reagent: reductive silylation. Chemical Science, 2019, 10, 475-479.	3.7	25
80	Site Selectivity in Electrophilic (H ⁺ , CH ₃ ⁺) Abstraction on Os(H) ₂ X ₂ (PiPr ₃) ₂ . Journal of the American Chemical Society, 1996, 118, 6934-6945.	6.6	24
81	An Electron-Excessive Nitrosyl Complex: ϵ Reactivity of a Ligand-Centered Radical Leading to Coordinated HNO. Inorganic Chemistry, 2002, 41, 4087-4089.	1.9	24
82	Redox-active ligand controlled selectivity of vanadium oxidation on Au(100). Chemical Science, 2018, 9, 1674-1685.	3.7	24
83	Unusual Dinitrogen Binding and Electron Storage in Dinuclear Iron Complexes. Journal of the American Chemical Society, 2020, 142, 8147-8159.	6.6	24
84	Protonation of Chloride in Os(H) ₂ Cl ₂ (PiPr ₃) ₂ : Synthesis of [(PiPr ₃) ₂ H ₂ Os(μ -Cl) ₃ OsH ₂ (PiPr ₃) ₂]CF ₃ SO ₃ . Inorganic Chemistry, 1995, 34, 1788-1792.	1.9	23
85	Dehydrohalogenation as a Source of OsH _n Cl(PPh ₃) ₃ (n = 1, 3). Inorganic Chemistry, 1999, 38, 4168-4170.	1.9	23
86	Structural Distortions in mer-M(H) ₃ (NO)L ₂ (M = Ru, Os) and Their Influence on Intramolecular Fluxionality and Quantum Exchange Coupling. Inorganic Chemistry, 2000, 39, 1919-1932.	1.9	23
87	New Approach to Ru(II) Pincer Ligand Chemistry. Bis(tert-butylaminomethyl)pyridine Coordinated to Ruthenium(II). Inorganic Chemistry, 2000, 39, 1593-1597.	1.9	23
88	Facile C(sp ²)/OR Bond Cleavage by Ru or Os. Inorganic Chemistry, 2001, 40, 6610-6621.	1.9	23
89	Gas/Solid Reactivity of Unsaturated Ruthenium-Containing Molecular Solids. Journal of the American Chemical Society, 1997, 119, 8389-8390.	6.6	22
90	Carbene transposition involving double dehydrogenation of an sp ³ carbon. Chemical Communications, 2001, , 1158-1159.	2.2	22

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91	Facile C(sp ²)/O ₂ CR bond cleavage by Ru or Os. <i>New Journal of Chemistry</i> , 2003, 27, 1451-1462.	1.4	22
92	A PNNH Pincer Ligand Allows Access to Monovalent Iron. <i>Chemistry - A European Journal</i> , 2018, 24, 1330-1341.	1.7	22
93	Molecular Routes to Metal Carbides, Nitrides, and Oxides. 3.1 Chemical Vapor Deposition Employing X ₃ Wâ€³CCMe ₃ , Where X = CH ₂ CMe ₃ , OtBu, and OtBu-d ₉ and *C = ¹² C or ¹³ C, and a Comparison with the Chemistry of (tBuO) ₃ Wâ€³N. <i>Chemistry of Materials</i> , 1998, 10, 2365-2370.	3.2	21
94	New d ⁴ dihydrides of Ru(IV) and Os(IV) with Î€-donor ligands: M(H) ₂ (chelate)(PiPr ₃) ₂ with chelate = ortho-XYC ₆ H ₄ with X, Y = O, NR; R = H or CH ₃ . <i>New Journal of Chemistry</i> , 2005, 29, 193-204.	1.4	21
95	Ligand Design toward Multifunctional Substrate Reductive Transformations. <i>Inorganic Chemistry</i> , 2017, 56, 9505-9514.	1.9	21
96	Room-temperature hydrosilylation of the CF bond of vinyl fluoride catalyzed by osmium hydrides. <i>Journal of Molecular Catalysis A</i> , 2004, 224, 125-131.	4.8	20
97	Reactivity of the terminal oxo species ((tBu ₂ PCH ₂ SiMe ₂) ₂ N)RhO. <i>Dalton Transactions</i> , 2013, 42, 6745.	1.6	20
98	2,2â€²-Pyridylpyrrolide Ligand Redistribution Following Reduction. <i>Inorganic Chemistry</i> , 2013, 52, 5611-5619.	1.9	20
99	Design and Synthesis of Tridentate Facially Chelating Ligands of the [2.n.1]-(2,6)-Pyridinophane Family. <i>Journal of Organic Chemistry</i> , 2003, 68, 4806-4814.	1.7	19
100	Î€-Donor olefin substituents alter olefin binding to CpFe(CO) ₂ ⁺ . <i>New Journal of Chemistry</i> , 2003, 27, 1769-1774.	1.4	19
101	Coupling of terminal alkynes by RuHXL ₂ (X=Cl or N(SiMe ₃) ₂ , L=PiPr ₃). <i>Journal of Organometallic Chemistry</i> , 2008, 693, 1664-1673.	0.8	19
102	Deprotonation, Chloride Abstraction, and Dehydrohalogenation as Synthetic Routes to Bisâ€²Pyrazolate Pyridyl Iron(II) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 3999-4012.	1.0	19
103	Electrophilic abstractions on Os(H)2X(NO)L ₂ : selective access to new unsaturated cationic Os(II) hydrides. <i>Inorganica Chimica Acta</i> , 1998, 280, 125-137.	1.2	18
104	Facile Insertion of Terminal Acetylenes into the RuIIâ€²NR ₂ Bond of a 14-Valence-Electron Complex. <i>Organometallics</i> , 2004, 23, 4814-4816.	1.1	18
105	Nitrogen-Ligated Iron Complexes: Photolytic Approach to the FeN⁺ Moiety. <i>Inorganic Chemistry</i> , 2008, 47, 5129-5135.	1.9	18
106	Ligand Influence on Metal Aggregation: a Unique Bonding Mode for Pyridylpyrrolides. <i>Inorganic Chemistry</i> , 2010, 49, 7626-7628.	1.9	18
107	Synthesis and Oxidative Reactivity of 2,2â€²-Pyridylpyrrolide Complexes of Ni(II). <i>Inorganic Chemistry</i> , 2013, 52, 9511-9521.	1.9	18
108	Fate of CH ₂ CH(E) in the Presence of Unsaturated Ru(X)(H)L ₂ q ⁺ (X = Cl, q = 0; X = CO, q = 1): Highly Sensitive to X and E. <i>Organometallics</i> , 2000, 19, 2291-2298.	1.1	17

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109	Os(H)2NO(PiPr3)2+: Mechanism and Energetics of a Room Temperature Reversible Ethyl/Hydridoethylene Equilibrium and Contrasting Double Insertion of Acetylene. <i>Organometallics</i> , 2001, 20, 2040-2046.	1.1	17
110	Hydrocarbyl Ligand Tuning of the Pt(II)/IV Redox Potential. <i>Inorganic Chemistry</i> , 2004, 43, 3642-3646.	1.9	17
111	Influence of Chelate Substituents on the Structure and Spin State of Unsaturated [N(SiMe2CH2PtBu2)2]RuX. <i>Inorganic Chemistry</i> , 2007, 46, 4612-4616.	1.9	17
112	Transition Metal Chlorides Are Lewis Acids toward Terminal Chloride Attached to Late Transition Metals. <i>Inorganic Chemistry</i> , 2014, 53, 3307-3310.	1.9	17
113	[n.1.1]-(2,6)-Pyridinophanes: A New Ligand Type Imposing Unusual Metal Coordination Geometries. <i>Inorganic Chemistry</i> , 2002, 41, 6867-6874.	1.9	16
114	Terminal Acetylenes React to Increase Unsaturation in [(tBu2PCH2SiMe2)2N]Re(H)4. <i>Organometallics</i> , 2004, 23, 4934-4943.	1.1	16
115	An evaluation of monovalent osmium supported by the PNP ligand environment. <i>Dalton Transactions</i> , 2011, 40, 1105-1110.	1.6	16
116	Tetrazine Assists Reduction of Water by Phosphines: Application in the Mitsunobu Reaction. <i>Chemistry - A European Journal</i> , 2016, 22, 13985-13998.	1.7	16
117	Dehydrohalogenation of proton responsive complexes: versatile aggregation via pyrazolate pincer ligand arms. <i>Dalton Transactions</i> , 2018, 47, 2052-2060.	1.6	16
118	Mechanism of Ethylene Hydrogenation by the Molecular Hydrogen Complex [Ir(H)2(H2)(PMe2Ph)3]: Characterization of Intermediates. <i>Angewandte Chemie International Edition in English</i> , 1988, 27, 1165-1167.	4.4	15
119	Alkoxide Attack on Coordinated Olefin Can Be Reversible. <i>Organometallics</i> , 1996, 15, 1856-1864.	1.1	15
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