

Ernesto Carmona Guzmán

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8353841/publications.pdf>

Version: 2024-02-01

263
papers

8,647
citations

47006

47
h-index

82547

72
g-index

283
all docs

283
docs citations

283
times ranked

3841
citing authors

#	ARTICLE	IF	CITATIONS
1	Decamethylzincocene, a Stable Compound of Zn(I) with a Zn-Zn Bond. <i>Science</i> , 2004, 305, 1136-1138.	12.6	491
2	Zinc-Zinc Bonded Zincocene Structures. Synthesis and Characterization of Zn ₂ (<i>i</i> -5-C ₅ Me ₅) ₂ and Zn ₂ (<i>i</i> -5-C ₅ Me ₄ Et) ₂ . <i>Journal of the American Chemical Society</i> , 2007, 129, 693-703.	13.7	169
3	Theoretical and Synthetic Studies on [Zn ₂ (<i>i</i> -5-C ₅ Me ₅) ₂]: Analysis of the Zn-Zn Bonding Interaction. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 1244-1247.	13.8	144
4	Rhodium- and iridium-trispyrazolylborate complexes. <i>Coordination Chemistry Reviews</i> , 2001, 213, 129-157.	18.8	137
5	Carbon Monoxide and Isocyanide Complexes of Trivalent Uranium Metallocenes. <i>Chemistry - A European Journal</i> , 1999, 5, 3000-3009.	3.3	128
6	Iridium(III)-Induced Isomerization of 2-Substituted Pyridines to N-Heterocyclic Carbenes. <i>Journal of the American Chemical Society</i> , 2006, 128, 13060-13061.	13.7	128
7	Synthesis and Single Crystal X-ray Diffraction Study on the First Isolable Carbonyl Complex of an Actinide, (C ₅ Me ₄ H) ₃ U(CO). <i>Journal of the American Chemical Society</i> , 1995, 117, 2649-2650.	13.7	127
8	Direct Bonds Between Metal Atoms: Zn, Cd, and Hg Compounds with Metal-Metal Bonds. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 6526-6536.	13.8	107
9	C-H Bond Activation Reactions of Ethers That Generate Iridium Carbenes. <i>Accounts of Chemical Research</i> , 2010, 43, 572-580.	15.6	106
10	C-H Bond Activation of Benzene and Cyclic Ethers by TplrIII Species. <i>Chemistry - A European Journal</i> , 1998, 4, 2225-2236.	3.3	104
11	Cleavage of Palladium Metallacycles by Acids: A Probe for the Study of the Cyclometalation Reaction. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 147-151.	13.8	104
12	Formation of Hydrido- η^3 -allyl Complexes of Ir ^{III} by Sequential Olefinic C-H Bond Activation and C-C Coupling of Alkenyl and Olefin Ligands. <i>Chemistry - A European Journal</i> , 1997, 3, 860-873.	3.3	102
13	Formation of acrylic acid derivatives from the reaction of carbon dioxide with ethylene complexes of molybdenum and tungsten. <i>Journal of the American Chemical Society</i> , 1985, 107, 5529-5531.	13.7	100
14	Neopentyl, neophyl, and trimethylsilylmethyl compounds of manganese. Manganese(II) dialkyls; manganese(II) dialkyl amine adducts; tetra-alkylmanganate(II) ions and lithium salts; manganese(IV) tetra-alkyls. <i>Journal of the Chemical Society Dalton Transactions</i> , 1976, , 2204.	1.1	98
15	The chemistry of group 10 metalacycles. <i>Coordination Chemistry Reviews</i> , 1999, 193-195, 207-281.	18.8	88
16	Cleavage of the Calkyl-Caryl Bond of [Pd(η^3 -CH ₂ CM ₂ Ph)] Complexes This work was supported by the Dirección General de Enseñanza Superior e Investigación Científica (Project 1FD97-0919), the Ministerio de Educación y Ciencia (PFPI grant to D. del Río), and the Junta de Andalucía. J. A. L. thanks the CONACYT and the University of Guanajuato (Mexico) for a fellowship.. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 3641.	13.8	82
17	Preparation and properties of dinitrogen trimethylphosphine complexes of molybdenum and tungsten. 4. Synthesis, chemical properties, and x-ray structure of cis-[Mo(N ₂) ₂ (PMe ₃) ₄]. The crystal and molecular structures of trans-[Mo(C ₂ H ₄) ₂ (PMe ₃) ₄] and trans,mer-[Mo(C ₂ H ₄) ₂ (CO)(PMe ₃) ₃]. <i>Journal of the American Chemical Society</i> , 1983, 105, 3014-3022.	13.7	80
18	Vinylidene Compounds from the Reactions of Me ₃ SiC \equiv CSiMe ₃ with TpMe ₂ Ir Precursors. Protonation of Alkylidene and Iridabenzene Structures. <i>Organometallics</i> , 2006, 25, 2230-2236.	2.3	80

#	ARTICLE	IF	CITATIONS
19	Rearrangement of Pyridine to Its 2-Carbene Tautomer Mediated by Iridium. <i>Journal of the American Chemical Society</i> , 2007, 129, 14130-14131.	13.7	80
20	Carbon dioxide chemistry. Synthesis, properties, and structural characterization of stable bis(carbon) Tj ETQq0 0 0 rBT /Overlock 10 Tf	13.7	78
21	Double carbon-hydrogen activation at the .alpha.-carbon of cyclic ethers by Tp*Ir(C2H4)2. <i>Journal of the American Chemical Society</i> , 1992, 114, 7288-7290.	13.7	77
22	New nickel o-methylbenzyl complexes. Crystal and molecular structures of Ni(.eta.3-CH2C6H4-o-Me)Cl(PMe3) and Ni3(.eta.1-CH2C6H4-o-Me)4(PMe3)2(.mu.3-OH)2. <i>Organometallics</i> , 1987, 6, 1757-1765.	2.3	75
23	Synthesis and x-ray structure of the nickelabenzocyclopentene complex [cyclic](Me3P)2Ni(CH2CMe2-o-C6H4). Reactivity toward simple, unsaturated molecules and the crystal and molecular structure of the cyclic carboxylate (Me3P)2Ni(CH2CMe2-o-C6H4C(O)O). <i>Journal of the American Chemical Society</i> , 1989, 111, 2883-2891.	13.7	73
24	Bis(ethylene) complexes of molybdenum and tungsten and their reactivity toward carbon dioxide. New examples of acrylate formation by coupling of ethylene and carbon dioxide. <i>Organometallics</i> , 1993, 12, 4443-4451.	2.3	72
25	Synthesis and characterization of some new organometallic complexes of nickel(II) containing trimethylphosphine. <i>Polyhedron</i> , 1989, 8, 285-291.	2.2	66
26	Formation of carboxylate complexes from the reactions of carbon dioxide with ethylene complexes of molybdenum and tungsten. X-ray and neutron diffraction studies. <i>Organometallics</i> , 1989, 8, 2430-2439.	2.3	66
27	Generation of Heteroatom-Substituted Carbene Complexes of Iridium by Double C-H Activation of Ether and Amine Substrates. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 2158-2160.	13.8	64
28	An iridium(III) compound that thermally activates two molecules of benzene and forms a stable dinitrogen complex. <i>Journal of the American Chemical Society</i> , 1994, 116, 791-792.	13.7	61
29	A Cationic Rh(III) Complex That Efficiently Catalyzes Hydrogen Isotope Exchange in Hydrosilanes. <i>Journal of the American Chemical Society</i> , 2010, 132, 16765-16767.	13.7	60
30	Synthesis and Insertion Reactions of the Cyclometalated Palladium-alkyl Complexes Pd(CH2CMe2-o-C6H4)L2. Observation of a Pentacoordinated Intermediate in the Insertion of SO2. <i>Inorganic Chemistry</i> , 2001, 40, 4116-4126.	4.0	59
31	Generation and reactivity of sterically hindered iridium carbenes. Competitive $\hat{1}\pm$ - vs. $\hat{1}^2$ -hydrogen elimination in iridium(III) alkyls. <i>Dalton Transactions</i> , 2003, , 4022-4029.	3.3	59
32	Monodentate, N-Heterocyclic Carbene-type Coordination of 2,2'-bipyridine and 1,10-phenanthroline to Iridium. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 4380-4383.	13.8	59
33	Synthesis and Properties of TpMe2IrH4 and TpMe2IrH3(SiEt3): A Ir(V) Polyhydride Species with C3v Geometry. <i>Journal of the American Chemical Society</i> , 1999, 121, 346-354.	13.7	58
34	Iridium carboxycarbene complexes by CH bond activation of aliphatic ethers and of alkyl aryl ethers. <i>Coordination Chemistry Reviews</i> , 2005, 249, 1729-1735.	18.8	57
35	Nitrosyl, Nitro, and Nitrate Complexes of Palladium(IV). The First Structurally Characterized Mononuclear Nitrosyl Complex of Palladium. <i>Organometallics</i> , 2003, 22, 3345-3347.	2.3	55
36	.eta.2-Acyl coordination and .beta.-carbon-hydrogen bond interaction in acyl complexes of molybdenum. Crystal and molecular structures of tris(trimethylphosphine)carbonylchloro(.eta.2-trimethylsilylacetyl)molybdenum [Mo(.eta.2-COCH2SiMe3)Cl(CO)(PMe3)3] and the cyclic complex [cyclic] Mo(COCH3)(S2CNMe2)(CO)(PMe3)2. <i>Journal of the American Chemical Society</i> , 1984, 106, 3214-3222.	13.7	54

#	ARTICLE	IF	CITATIONS
37	C ^α -H and C ^β -S Activation of Thiophene by Rhodium Complexes: Influence of the Ancillary Ligands on the Thermodynamic Stability of the Products. <i>Organometallics</i> , 1996, 15, 2678-2679.	2.3	53
38	Electrophilic Cationic Ethylidene Complexes of Ir(III). Comparative σ -Migratory Insertion Processes into Hydride and Ethyl Groups. <i>Journal of the American Chemical Society</i> , 1998, 120, 5816-5817.	13.7	53
39	Theoretical and Synthetic Studies on [Zn ₂ (η -5-C ₅ Me ₅) ₂]: Analysis of the Zn \cdots Zn Bonding Interaction. <i>Angewandte Chemie</i> , 2005, 117, 1270-1273.	2.0	52
40	Consecutive Insertion Reactions of Unsaturated Molecules into the Ni-C Bonds of the Nickelacycle [cyclic] (Me ₃ P) ₂ Ni(CH ₂ CHMe ₂ -o-C ₆ H ₄). Formation of Heterocycles Derived from Seven-Membered Cyclic Acid Anhydrides. <i>Organometallics</i> , 1994, 13, 1728-1745.	2.3	49
41	Vinyl C ^α -H Bond Activation and Hydrogenation Reactions of Tp κ -Ir(C ₂ H ₄)(L) Complexes. <i>Inorganic Chemistry</i> , 1998, 37, 4538-4546.	4.0	49
42	C ^α -H bond activation reactions by TpMe ₂ Ir(III) centres. Generation of Fischer-type carbenes and development of a catalytic system for H/D exchange. <i>New Journal of Chemistry</i> , 2003, 27, 107.	2.8	49
43	The Synthesis of Iridabenzenes by the Coupling of Iridacyclopentadienes and Olefins. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 2711-2720.	2.0	49
44	Interconversion of Quadruply and Quintuply Bonded Molybdenum Complexes by Reductive Elimination and Oxidative Addition of Dihydrogen. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 3227-3231.	13.8	49
45	Synthesis and properties of cis-bis(dinitrogen)tetrakis(trimethylphosphine)tungsten(0). Crystal and molecular structures of [W(N ₂)(PMe ₃) ₅] and trans-[W(C ₂ H ₄) ₂ (PMe ₃) ₄]. <i>Inorganic Chemistry</i> , 1985, 24, 4033-4039.	4.0	48
46	Formation of alkenyl ketone complexes and of dimeric α,β -butenolides by sequential insertion of phenylacetylene and carbon monoxide into nickel-acyl bonds. X-ray structures of Ni[C(Ph)=C(H)(COCH ₂ SiMe ₃)]Cl(PMe ₃) ₂ and Ni[C(Ph)(PMe ₃)C(H)(COCH ₂ Me ₂ Ph)]Cl(PMe ₃). <i>Organometallics</i> , 1989, 8, 967-975.	2.3	48
47	Iridapyrrole Complexes via Formal 3 + 2 Cycloaddition of Iridium Alkenyls to Acetonitrile. <i>Organometallics</i> , 1996, 15, 2192-2194.	2.3	48
48	Synthesis and structural characterization of dizincocenes Zn ₂ (η -5-C ₅ Me ₅) ₂ and Zn ₂ (η -5-C ₅ Me ₄ Et) ₂ . <i>Coordination Chemistry Reviews</i> , 2008, 252, 1532-1539.	18.8	48
49	Activation of Aldehydes by the Ir ^{III} -2,3-Dimethylbutadiene Complex TpMe ₂ Ir(CH ₂ C(Me)C(Me)CH ₂). <i>Journal of the American Chemical Society</i> , 1999, 121, 248-249.	13.7	47
50	Substitution and Hydrogenation Reactions on Rhodium(I)-Ethylene Complexes of the Hydrotris(pyrazolyl)borate Ligands Tp κ (Tp κ = Tp, TpMe ₂). <i>Inorganic Chemistry</i> , 2000, 39, 180-188.	4.0	46
51	Experimental and theoretical characterization of the Zn \cdots Zn bond in [Zn ₂ (η -5-C ₅ Me ₅) ₂]. <i>Acta Crystallographica Section B: Structural Science</i> , 2007, 63, 862-868.	1.8	46
52	Platinum(0) olefin complexes of a bulky terphenylphosphine ligand. Synthetic, structural and reactivity studies. <i>Chemical Communications</i> , 2015, 51, 17008-17011.	4.1	46
53	Carbon dioxide chemistry. The synthesis and properties of trans-bis(carbon dioxide) adduct of a transition metal. <i>Journal of the American Chemical Society</i> , 1984, 106, 2731-2732.	13.7	45
54	Synthesis of [cyclic]-(Me ₃ P) ₂ Ni(CH ₂ CMe ₂ -o-C ₆ H ₄) and its reactivity toward carbon dioxide, carbon monoxide and formaldehyde. First observation of a carbonyl-carbonate oxidative conproportionation mediated by a transition-metal complex. <i>Journal of the American Chemical Society</i> , 1986, 108, 6424-6425.	13.7	45

#	ARTICLE	IF	CITATIONS
55	C-H Bond Activation of Thiophenes by Ir Complexes of the Hydrotris(3,5-dimethylpyrazolyl)borate Ligand, TpMe ₂ . <i>Organometallics</i> , 1999, 18, 139-149.	2.3	45
56	Reactivity of Cationic Agostic and Carbene Structures Derived from Platinum(II) Metallacycles. <i>Chemistry - A European Journal</i> , 2015, 21, 8883-8896.	3.3	45
57	A Measureable Equilibrium between Iridium Hydride Alkylidene and Iridium Hydride Alkene Isomers. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 3708-3711.	13.8	44
58	Cyclic Enolates of Ni and Pd: Equilibrium between C- and O-Bound Tautomers and Reactivity Studies. <i>Chemistry - A European Journal</i> , 2005, 11, 6889-6904.	3.3	44
59	Cationic Ir(III) Alkylidenes Are Key Intermediates in C-H Bond Activation and C-C Bond-Forming Reactions. <i>Journal of the American Chemical Society</i> , 2012, 134, 7165-7175.	13.7	44
60	C-C Bond-Forming Reactions of Ir(III)-Alkenyls and Nitriles or Aldehydes: Generation of Reactive Hydride- and Alkyl-Alkylidene Compounds and Observation of a Reversible 1,2-H Shift in Stable Hydride-Ir(III) Alkylidene Complexes. <i>Chemistry - A European Journal</i> , 2002, 8, 5132-5146.	3.3	43
61	Synthesis and Aldol Reactivity of O- and C-Enolate Complexes of Nickel. <i>Journal of the American Chemical Society</i> , 2003, 125, 1482-1483.	13.7	43
62	Formation and Cleavage of C-H, C-C, and C-O Bonds of ortho-Methyl-Substituted Anisoles by Late Transition Metals. <i>Journal of the American Chemical Society</i> , 2006, 128, 3512-3513.	13.7	42
63	Pyrryl, hydroxo, and carbonate organometallic derivatives of nickel(II). Crystal and molecular structure of [Ni(CH ₂ C ₆ H ₄ -o-Me)(PMe ₃)(μ-OH)] ₂ . <i>Inorganic Chemistry</i> , 1989, 28, 1895-1900.	4.0	41
64	Denticity Changes of Hydrotris(pyrazolyl)borate Ligands in RhI and RhIII Compounds: From 3- to Ionic 2-. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 218-221.	13.8	40
65	Synthesis and X-ray Structures of [Be(C ₅ Me ₄ H) ₂] and [Be(C ₅ Me ₅) ₂]. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 1949-1951.	13.8	40
66	Zn-Bonded Compounds that Contain Monoanionic Oxygen Donor Ligands. <i>Chemistry - A European Journal</i> , 2010, 16, 9754-9757.	3.3	40
67	Metallacyclic Pyridylidene Structures from Reactions of Terminal Pyridylidenes with Alkenes and Acetylene. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 3496-3499.	13.8	40
68	Synthesis and Reactivity of a Cationic Platinum(II) Alkylidene Complex. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 8255-8258.	13.8	40
69	Reaction of cis-[Mo(N ₂) ₂ (PMe ₃) ₄] with carbon dioxide. Synthesis and characterization of products of disproportionation and the x-ray structure of a tetrametallic mixed-valence Mo(II)-Mo(V) carbonate with a novel mode of carbonate binding. <i>Journal of the American Chemical Society</i> , 1983, 105, 3365-3366.	13.7	39
70	Synthesis and Characterization of (2,4,6-Trimethylphenylimido)molybdenum Complexes. X-ray Crystal Structures of (LOEt)Mo(Nmes) ₂ Cl, (LOEt)Mo(Nmes)Cl ₂ , and MoCl ₃ (Nmes)(depe) (mes =) <i>Journal of Organometallic Chemistry</i> , 1997, 36, 2379-2385.	4.0	39
71	Formation of 1,2,3-butadienyl derivatives by photochemical C-H activation of Ir(I)-1,3-diene complexes containing tris(pyrazolyl) borate ligands. <i>Journal of Organometallic Chemistry</i> , 1997, 528, 143-150.	1.8	39
72	Synthetic, Reactivity, and Structural Studies on Half-Sandwich (η ⁵ -C ₅ Me ₅)Be and Related Compounds: Halide, Alkyl, and Iminoacyl Derivatives. <i>Chemistry - A European Journal</i> , 2003, 9, 4462-4471.	3.3	39

#	ARTICLE	IF	CITATIONS
73	Recent Developments in the Chemistry of Beryllocenes. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 3197-3206.	2.0	39
74	Preparation and properties of dinitrogen trimethylphosphine complexes of molybdenum and tungsten. <i>Polyhedron</i> , 1983, 2, 185-193.	2.2	38
75	Three-Center, Two-Electron M ⁺ -H ⁻ B Bonds in Complexes of Ni, Co, and Fe and the Dihydrobis(3-tert-butylpyrazolyl)borate Ligand. <i>Inorganic Chemistry</i> , 2002, 41, 425-428.	4.0	38
76	Formation of carbonyl-carbonate complexes of molybdenum by reductive disproportionation of carbon dioxide. X-ray structure of Mo ₄ (μ ₄ -CO ₃)(CO) ₂ (O) ₂ (μ ₂ -O) ₂ (μ ₂ -OH) ₄ (PMe ₃) ₆ . <i>Inorganic Chemistry</i> , 1991, 30, 1493-1499.	4.0	37
77	Synthesis, Solid-State Structure, and Bonding Analysis of the Beryllocenes [Be(C ₅ Me ₄ H) ₂], [Be(C ₅ Me ₅) ₂], and [Be(C ₅ Me ₅)(C ₅ Me ₄ H)]. <i>Chemistry - A European Journal</i> , 2003, 9, 4452-4461.	3.3	37
78	Electronic and Structural Effects of Low-Hapticity Coordination of Arene Rings to Transition Metals. <i>Organometallics</i> , 2014, 33, 6660-6668.	2.3	36
79	Synthesis and properties of nitrosyl complexes of molybdenum and tungsten containing halide and trimethylphosphine ligands. Crystal and molecular structures of MoCl ₃ (NO)(PMe ₃) ₃ and MoCl(NO)(S ₂ CPMe ₃ -S,S',C)(PMe ₃) ₂ . <i>Inorganic Chemistry</i> , 1989, 28, 2120-2127.	4.0	35
80	Tautomerisation of 2-Substituted Pyridines to N-Heterocyclic Carbene Ligands Induced by the 16-Unsaturated [Tp ⁺ Me ₂ Ir ^{III} (C ₆ H ₅) ₂] Moiety. <i>Chemistry - A European Journal</i> , 2012, 18, 4644-4664.	3.3	35
81	Synthesis and X-ray crystal structure of [Mo(CO) ₂ (PMe ₃) ₃ (CNPri)]: the first structurally characterized bis(carbon dioxide) adduct of a transition metal. <i>Journal of the Chemical Society Chemical Communications</i> , 1984, , 1326-1327.	2.0	34
82	Does the Facile Inter- and Intramolecular C-H Bond Activation by Tp* ⁺ Rh Complexes Proceed via RhI or RhIII Intermediates?. <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 231-233.	4.4	34
83	Synthesis and Structural Characterization of Mixed-Sandwich Complexes of Rhodium(III) and Iridium(III) with Cyclopentadienyl and Hydrotris(pyrazolyl)borate Ligands. <i>Organometallics</i> , 2003, 22, 2820-2826.	2.3	34
84	Methyl-, Ethenyl-, and Ethynyl-Bridged Cationic Digold Complexes Stabilized by Coordination to a Bulky Terphenylphosphine Ligand. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 15379-15384.	13.8	34
85	Some trimethyl phosphine and trimethyl phosphite complexes of tungsten(IV). <i>Polyhedron</i> , 1983, 2, 797-801.	2.2	33
86	Step-by-Step Uncoordination of the Pyrazolyl Rings of Hydrotris(pyrazolyl)borate Ligands in Complexes of RhI and RhIII. <i>Chemistry - A European Journal</i> , 2001, 7, 3868-3879.	3.3	33
87	Synthesis and Reactivity of [Ir(C ₂ H ₄) ₂ TpmMe ₂](PF ₆) (TpmMe ₂ = Tris(3,5-dimethylpyrazolyl)methane): Comparison with the Analogous TpMe ₂ Derivatives (TpMe ₂ = Hydrotris(3,5-dimethylpyrazolyl)borate). <i>Organometallics</i> , 2002, 21, 93-104.	2.3	33
88	Mechanism of Hydrogenolysis of an Iridium-Methyl Bond: Evidence for a Methane Complex Intermediate. <i>Journal of the American Chemical Society</i> , 2013, 135, 1217-1220.	13.7	33
89	Experimental and Theoretical Studies on Arene-Bridged Metal-Metal-Bonded Dimolybdenum Complexes. <i>Chemistry - A European Journal</i> , 2014, 20, 6092-6102.	3.3	33
90	Synthesis, Structure and Nickel Carbonyl Complexes of Dialkylterphenyl Phosphines. <i>Chemistry - A European Journal</i> , 2019, 25, 260-272.	3.3	33

#	ARTICLE	IF	CITATIONS
91	Trimethylsilylmethyl and methyl compounds of manganese, cobalt and uranium. Journal of Organometallic Chemistry, 1975, 99, C19-C20.	1.8	32
92	C-H Activation Reactions on Rh(I)-Ethylene Complexes of the Hydrotris(3,5-dimethylpyrazolyl)borate Ligand, TpMe ₂ . Organometallics, 1999, 18, 4304-4310.	2.3	32
93	Trinuclear palladium complexes containing terminal nitrosyl ligands: Behavior in solid state and in solution. X-ray structures of Pd ₃ (NO) ₂ (η^4 -OCOCX ₃) ₄ (η^2 -ArH) ₂ (X=F, Cl; ArH=toluene or benzene). Inorganica Chimica Acta, 2006, 359, 1613-1618.	2.4	32
94	Cyclometalated Iridium Complexes of Bis(Aryl) Phosphine Ligands: Catalytic H/D Exchanges and C-C Coupling Reactions. Inorganic Chemistry, 2013, 52, 6694-6704.	4.0	32
95	Alkyl and acyl derivatives of nickel(II) containing tertiary phosphine ligands. Journal of the Chemical Society Dalton Transactions, 1980, , 2108-2116.	1.1	31
96	η^1 - and η^2 -Alkaneimidoyl complexes of nickel: synthesis and properties. Organometallics, 1990, 9, 583-588.	2.3	31

97 Reactivity Studies of Iridium Pyridylidenes

#	ARTICLE	IF	CITATIONS
109	Reactions of sulfur containing heterocumulenes with low-valent molybdenum and tungsten complexes. Oxidative cleavage of a head-to-tail carbon disulfide dimer in a molybdenum complex. <i>Inorganic Chemistry</i> , 1990, 29, 5074-5080.	4.0	27
110	Formation of Palladium- and Platinum-Substituted Fulvenes by Activation of a Cyclopentadienyl or Indenyl Ligand. <i>Organometallics</i> , 1998, 17, 5620-5629.	2.3	27
111	Isocyanide insertion chemistry. Synthesis and structural characterization of bridging imido complexes of nickel and amide formation by intramolecular coupling of acyl and imido functionalities. <i>Organometallics</i> , 1993, 12, 4025-4031.	2.3	26
112	Formation of η^2 -Iminoacyls, η^3 -Azaallyls, and Heterometallacycles during the Rearrangements of Methyl Complexes of Molybdenum and Tungsten Containing Isocyanide Ligands. <i>Organometallics</i> , 1997, 16, 2263-2275.	2.3	26
113	Synthesis and Solid-State Structure of $Zn(\eta^5-C_5Me_4SiMe_3)(\eta^1-C_5Me_4SiMe_3)$, a Zirconocene with Nonparallel Cyclopentadienyl Rings. <i>Organometallics</i> , 2003, 22, 381-383.	2.3	26
114	Experimental and Computational Studies on the Iridium Activation of Aliphatic and Aromatic C-H Bonds of Alkyl Aryl Ethers and Related Molecules. <i>Chemistry - A European Journal</i> , 2009, 15, 9034-9045.	3.3	26
115	Rhodium-Catalyzed, Efficient Deutero- and Tritiosilylation of Carbonyl Compounds from Hydrosilanes and Deuterium or Tritium. <i>Organic Letters</i> , 2011, 13, 5236-5239.	4.6	26
116	Non-heteroatom-substituted alkylidene complexes of groups 10 and 11. <i>Coordination Chemistry Reviews</i> , 2018, 355, 116-132.	18.8	26
117	Multiple insertion reactions of CNBu into nickel-alkyl bonds. <i>Journal of Organometallic Chemistry</i> , 1989, 377, 157-169.	1.8	25
118	Binuclear complexes of nickel bridged by hydrocarbon ligands. Isocyanide insertion chemistry and amide formation by intramolecular coupling of acyl and imido functionalities. <i>Organometallics</i> , 1992, 11, 11-13.	2.3	25
119	Novel carbon dioxide and carbonyl carbonate complexes of molybdenum. The X-ray structures of trans-[Mo(CO) ₂ {HN(CH ₂ CH ₂ PMe ₂) ₂ }(PMe ₃)] and [Mo ₃ (η^2 -CO ₃)(η^2 -O) ₂ (CO) ₂ (H ₂ O)(PMe ₃) ₆]. <i>New Journal of Chemistry</i> , 2005, 29, 109-115.	1.8	25
120	Cyclopentadienyl Zinates: Synthesis and X-ray Studies of Sodium and Potassium Salts of the [Zn(C ₅ H ₅) ₃] ⁻ and [Zn ₂ (C ₅ H ₅) ₅] ⁻ Ions. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 1296-1299.	13.8	25
121	Synthetic, Mechanistic, and Theoretical Studies on the Generation of Iridium Hydride Alkylidene and Iridium Hydride Alkene Isomers. <i>Chemistry - A European Journal</i> , 2009, 15, 9046-9057.	3.3	25
122	Large-scale preparation and labelling reactions of deuterated silanes. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2012, 55, 29-38.	1.0	25
123	Monohapto co-ordination of poly(tert-butylpyrazolyl)borate ligands in nickel and palladium complexes. <i>Journal of the Chemical Society Dalton Transactions</i> , 1992, , 2651-2652.	1.1	24
124	Reactions of the benzonickelacyclopentene complex [cyclic] (Me ₃ P) ₂ Ni(CH ₂ CMe ₂ -o-C ₆ H ₄) with alkynes. Synthesis of 1,2-dihydronaphthalenes. <i>Organometallics</i> , 1993, 12, 4032-4038.	2.3	24
125	Thermal Conversion of η^2 -Acyl-Isocyanide Complexes into Isomeric η^2 -Iminoacyl-Carbonyl Derivatives. <i>Journal of the American Chemical Society</i> , 1995, 117, 1759-1765.	13.7	24
126	Imine-Enamine Tautomeric Equilibrium of Palladium Imido Complexes. <i>Organometallics</i> , 1999, 18, 5225-5237.	2.3	24

#	ARTICLE	IF	CITATIONS
127	Theoretical and Synthetic Studies on Dihaptoacyl and η^2 -Agostic Acyl Complexes of Molybdenum. <i>Organometallics</i> , 1999, 18, 3294-3305.	2.3	24
128	Trimethylphosphine complexes of molybdenum and tungsten. The synthesis and chemical properties of $\text{MoCl}_4(\text{PMe}_3)_3$ and the crystal and molecular structures of $\text{WCl}_4(\text{PMe}_3)_3$ and $\text{MoO}(\text{acac})_2\text{PMe}_3$. <i>Journal of Organometallic Chemistry</i> , 1984, 277, 403-415.	1.8	23
129	Seven-coordinate halo and dithiocarbamate trimethylphosphine derivatives of molybdenum(II) and tungsten(II). <i>Inorganic Chemistry</i> , 1984, 23, 530-534.	4.0	23
130	η^2 -Acyl and methyl complexes of tungsten. Crystal and molecular structures of $\text{W}(\eta^2\text{-C}(\text{O})\text{CH}_2\text{SiMe}_3)\text{Cl}(\text{CO})(\text{PMe}_3)_3$ and $\text{W}(\text{CH}_3)(\text{S}_2\text{CNMe}_2)(\text{CO})_2(\text{PMe}_3)_2$. <i>Organometallics</i> , 1991, 10, 61-71.	2.3	23
131	B-H Reactivity of a Dihydrobis(pyrazolyl)borate Ligand: Products of Intramolecular Acyl and Iminoacyl Hydroboration. <i>Organometallics</i> , 1995, 14, 14-16.	2.3	23
132	Methyl Complexes of the Transition Metals. <i>Chemistry - A European Journal</i> , 2016, 22, 6432-6457.	3.3	23
133	Alkyne insertion reactions in nickel acyl complexes. Occurrence of a 1,2-trimethylphosphine shift and the x-ray structures of [cyclic] $\text{Ni}[\text{C}(\text{Ph})\text{:C}(\text{H})(\text{COCH}_2\text{SiMe}_3)]\text{Cl}(\text{PMe}_3)_2$ and [cyclic] $\text{Ni}[\text{C}(\text{Ph})(\text{PMe}_3)\text{C}(\text{H})(\text{COCH}_2\text{CMe}_2\text{Ph})]\text{Cl}(\text{PMe}_3)_6$. <i>Organometallics</i> , 1984, 3, 1438-1440.	2.3	22
134	Ethylene dimerization: an alternative route involving vinyl hydride intermediates. <i>Journal of the Chemical Society Chemical Communications</i> , 1992, , 8-9.	2.0	22
135	Formation of 2-thienyl derivatives during the thermal activation of thiophene by $\text{Tp}^*\text{-Ir}(\text{C}_2\text{H}_4)_2$. <i>Journal of Organometallic Chemistry</i> , 1995, 504, 147-149.	1.8	22
136	Synthesis and reactivity studies on alkyl η^5 -aryloxo complexes of nickel containing chelating diphosphines: cyclometallation and carbonylation reactions. <i>Journal of Organometallic Chemistry</i> , 2002, 643-644, 331-341.	1.8	22
137	Synthesis and Reactivity toward H_2 of $(\eta^5\text{-C}_5\text{Me}_5\text{-C}_5\text{Me}_5\text{-Me}_5\text{-C}_5\text{Me}_5)\text{Rh}(\text{III})$ Complexes with Bulky Aminopyridinate Ligands. <i>Inorganic Chemistry</i> , 2015, 54, 6573-6581.	4.0	22
138	Base-Promoted, Remote $\text{C}\text{-H}$ Activation at a Cationic $(\eta^5\text{-C}_5\text{Me}_5\text{-C}_5\text{Me}_5\text{-Me}_5\text{-C}_5\text{Me}_5)\text{Ir}(\text{III})$ Center Involving Reversible $\text{C}\text{-C}$ Bond Formation of Bound C_5Me_5 . <i>Journal of the American Chemical Society</i> , 2019, 141, 2205-2210.	13.7	22
139	Synthesis and structural characterization of $\text{Be}(\eta^5\text{-C}_5\text{Me}_5)(\eta^1\text{-C}_5\text{Me}_4\text{H})$. Evidence for ring-inversion leading to $\text{Be}(\eta^5\text{-C}_5\text{Me}_4\text{H})(\eta^1\text{-C}_5\text{Me}_5)$. <i>Chemical Communications</i> , 2002, , 2916-2917.	4.1	21
140	Cyclometallation and Hydrogen/Deuterium Exchange Reactions of an Arylphosphine Ligand upon Coordination to $\{\text{Ir}(\eta^5\text{-C}_5\text{Me}_5)\text{-C}_5\text{Me}_5\}$. <i>Chemistry - A European Journal</i> , 2010, 16, 419-422.	3.3	21
141	Chemical Reactivity and Electrochemistry of Metal η^5 -Metal-Bonded Zincoenes. <i>Inorganic Chemistry</i> , 2011, 50, 6361-6371.	4.0	21
142	Terphenyl Complexes of Molybdenum and Tungsten with Quadruple Metal η^5 -Metal Bonds and Bridging Carboxylate Ligands. <i>Journal of the American Chemical Society</i> , 2014, 136, 9173-9180.	13.7	21
143	Evaluating stereoelectronic properties of bulky dialkylterphenyl phosphine ligands. <i>Journal of Organometallic Chemistry</i> , 2019, 896, 120-128.	1.8	21
144	Molybdenum and tungsten complexes of S_2CPMe_3 and related ligands. Crystal and molecular structures of $\text{W}(\eta^3\text{-S}_2\text{CPMe}_3)(\text{CO})_2(\text{PMe}_3)_2$, $[\text{Mo}(\eta^2\text{-S}_2\text{C}(\text{H})\text{PMe}_3)(\text{CO})_2(\text{PMe}_3)_2]\text{BF}_4$, and $[\text{Mo}(\eta^3\text{-SC}(\text{SMe})\text{PMe}_3)(\text{CO})_2(\text{PMe}_3)_2]\text{I}$. <i>Inorganic Chemistry</i> , 1993, 32, 5569-5575.	4.0	20

#	ARTICLE	IF	CITATIONS
145	Unprecedented pentadenticity of the HB(3-Phpz) ₃ (= TpPh) ligand. <i>Chemical Communications</i> , 2000, , 121-122.	4.1	20
146	IR and Raman Characterization of the Zincocenes (̂-5-C5Me5)2Zn2 and (̂-5-C5Me5)(̂-1-C5Me5)Zn. <i>Journal of Physical Chemistry A</i> , 2008, 112, 10516-10525.	2.5	20
147	Further studies on organonickel compounds: the synthesis of some new alkyl-, acyl- and cyclopentadienyl-derivatives and the crystal structure of trans-[Ni(CH2SiMe3)2(PMe3)2]. <i>Polyhedron</i> , 1984, 3, 317-323.	2.2	19
148	Formation of zwitterionic ligands, ROC-(+PMe3)S ₂ -, by nucleophilic attack of trimethylphosphine on coordinated xanthates. X-ray structure of MoO[S2C(PMe3)O-iso-Pr-S,S']](CS2CO-iso-Pr-S,S'C). <i>Inorganic Chemistry</i> , 1986, 25, 3804-3807.	4.0	19
149	Oxo-molybdenum(IV) and tungsten(IV) complexes with dithio acid ligands. Synthesis and structural investigation of MoO[S2C(PMe3)S-iso-Pr-S,S']](S2CS-iso-Pr-S,S',C). <i>Inorganic Chemistry</i> , 1988, 27, 488-492.	4.0	19
150	Agostic acetyl complexes of molybdenum. Solution behavior and solid-state structure. <i>Organometallics</i> , 1992, 11, 3971-3980.	2.3	19
151	Binuclear complexes of nickel with the bridging o-CH2C6H4 ligand: synthesis and reactions. X-ray crystal structure of [cyclic] trans-(Me3P)2BrNi[C(O)C6H4CH2-o]NiBr(PMe3), a complex containing a bridging .mu.2-eta.1:eta.1-aroyl ligand. <i>Organometallics</i> , 1992, 11, 2644-2650.	2.3	19
152	Ligand Exchange on Pyrazolate-̂N-̂1/4-pyrazolate and Pyrazole-̂N-̂1/4-pyrazolate Binuclear Nickel Complexes. <i>Organometallics</i> , 2000, 19, 2707-2715.	2.3	19
153	Investigation of the C-H Activation Potential of [Hydrotris(1H-pyrazolato-̂N1)borato(1̂)]iridium (IrTpx) Fragments Featuring Aromatic Substituentsx at the 3-Position of the Pyrazole Rings, The Choice of the Precursor. <i>Helvetica Chimica Acta</i> , 2001, 84, 2868-2883.	1.6	19
154	Addition reactions of O-bound cyclic nickel enolates to ̂±,̂2-unsaturated ketones. <i>Chemical Communications</i> , 2003, , 1742-1743.	4.1	19
155	Unusual fragmentation of CH2Cl2 by an Ir(III) centre bonded to a doubly metalated TpMsLigand (TpMs=) Tj ETQq1 1,0.784314 rgBT /Ov	4.1	19
156	Quadruply bonded dimolybdenum complexes with highly unusual geometries and vacant coordination sites. <i>Chemical Communications</i> , 2012, 48, 3954.	4.1	19
157	Zero valent molybdenum and tungsten ethylene isocyanide complexes: Synthesis and structural properties. <i>Polyhedron</i> , 1988, 7, 1831-1840.	2.2	18
158	Binuclear ̂f- and ̂3-benzylic derivatives of nickel. <i>Journal of the Chemical Society Dalton Transactions</i> , 1992, , 1769-1774.	1.1	18
159	Iminoacylberyllium Compounds Derived from Octamethyl- and Decamethylberyllocene and 2,6-Dimethylphenyl Isocyanide. Evidence for the Existence of ̂-5/̂-1 Isomers of Beryllocenes. <i>Organometallics</i> , 2001, 20, 2434-2436.	2.3	18
160	Structural Analysis of Zincocenes with Substituted Cyclopentadienyl Rings. <i>Chemistry - A European Journal</i> , 2009, 15, 924-935.	3.3	18
161	Stepwise reaction of carbon disulfide with the nickelacyclopentene complexes [cyclic] (R3P)2Ni(CH2CMe2-o-C6H4). Influence of the ancillary phosphine ligands. <i>Organometallics</i> , 1988, 7, 2577-2579.	2.3	17
162	Rotational isomerism in bis(carbon dioxide) complexes of molybdenum generated by conrotatory motion of the CO2 ligands. <i>Organometallics</i> , 1990, 9, 1337-1339.	2.3	17

#	ARTICLE	IF	CITATIONS
163	Observation of an unprecedented equilibrium between alkyl-carbonyl, dihapto acyl and agostic acyl isomeric structures. <i>Journal of the American Chemical Society</i> , 1991, 113, 4322-4324.	13.7	17
164	Formation of Palladium- and Platinum-Substituted Fulvenes by Cyclopentadienyl Activation in a Formal Insertion Reaction. <i>Organometallics</i> , 1997, 16, 301-303.	2.3	16
165	Lithium Di- and Trimethyl Dimolybdenum(II) Complexes with Mo-Mo Quadruple Bonds and Bridging Methyl Groups. <i>Journal of the American Chemical Society</i> , 2015, 137, 12378-12387.	13.7	16
166	Dinitrogen, butadiene and related complexes of molybdenum. Crystal structures of [Mo(N ₂)(PMe ₃) ₅] and [Mo(η -3-CH ₃ CHCH ₂)(η -4-C ₄ H ₆)(PEt ₃) ₂][BF ₄]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1995, , 3801-3808.	1.1	15
167	Mononuclear and binuclear o-xyllylene derivatives of Pd(II). <i>Inorganica Chimica Acta</i> , 1998, 269, 191-201.	2.4	15
168	Synthesis and solution behavior of the trinuclear palladium(II) unsaturated carboxylate complexes triangle-Pd ₃ [η -4-O ₂ CC(R ²)=CHMe] ₆ (R ² =Me, H): X-ray structure of palladium(II) tiglato (R ² =Me). <i>Inorganica Chimica Acta</i> , 2007, 360, 4111-4116.	2.4	15
169	Synthesis and Structure of Half-Sandwich Zirconocenes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2007, 633, 1827-1831.	1.2	15
170	Ci-N Bond Formation by O ₂ -Mediated Dehydrogenative Coupling of Phenyl and NH-pyridylidene Ligands on Tplr ^{III} Complexes. <i>Chemistry - A European Journal</i> , 2011, 17, 9302-9305.	3.3	15
171	Molybdenum and tungsten complexes with carbon dioxide and ethylene ligands. <i>Chemical Science</i> , 2019, 10, 8541-8546.	7.4	15
172	Preparation and properties of dinitrogen complexes of molybdenum and tungsten with trimethylphosphine as coligand. <i>Journal of Organometallic Chemistry</i> , 1982, 238, C63-C66.	1.8	14
173	Oxo-molybdenum(IV) and tungsten(IV) complexes with phosphine and isocyanide ligands. <i>Polyhedron</i> , 1988, 7, 1767-1771.	2.2	14
174	Synthesis and characterization of bis(xanthate) complexes of Molland VII. Crystal structure of [W(S ₂ COPri-S)(S ₂ COPri-SS ²)(CO) ₂ (PMe ₃) ₂]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1989, , 2003-2009.	1.1	14
175	Alkylidenes by .alpha.-hydrogen abstraction from metallacycles. Synthesis and characterization of alkylidene-bridged complexes of nickel. <i>Organometallics</i> , 1993, 12, 4431-4442.	2.3	14
176	Indenylmethyl-molybdenum and -tungsten compounds containing isocyanide ligands. Formation and study of isomeric η -2-iminoacyls and η -3-1-azaallyls. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997, , 3145-3152.	1.1	14
177	Synthesis and characterisation of rhodium(I) complexes containing the dihydrobis(pyrazolyl)borate		

#	ARTICLE	IF	CITATIONS
181	Synthesis and reactivity of half-sandwich ($\eta^5\text{-C}_5\text{Me}_5$)Ir(III) complexes of a cyclometallated aryl phosphine ligand. <i>New Journal of Chemistry</i> , 2011, 35, 2122.	2.8	14
182	A Cationic Terminal Methylene Complex of Ir(I) Supported by a Pincer Ligand. <i>Organometallics</i> , 2013, 32, 3423-3426.	2.3	14
183	Activation of Small Molecules by the Metal-Amido Bond of Rhodium(III) and Iridium(III) ($\eta^5\text{-C}_5\text{Me}_5$)M-Aminopyridinate Complexes. <i>Inorganic Chemistry</i> , 2018, 57, 150-162.	4.0	14
184	Reactivity of co-ordinated S ₂ CPR ₃ ligands. Crystal and molecular structure of [Mo($\eta^3\text{-SC(SMe)PMe}_3$)(CO) ₂ (PMe ₃) ₂]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1992, , 2307-2308.	1.1	13
185	Bis- And tris(pyrazolyl)borate complexes of the heavier alkaline-earth elements Ca, Sr and Ba. <i>Polyhedron</i> , 1996, 15, 3453-3463.	2.2	13
186	Dihydrogen-Catalyzed Reversible Carbon-Hydrogen and Nitrogen-Hydrogen Bond Formation in Organometallic Iridium Complexes. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 7555-7557.	13.8	13
187	Dihydrogen Catalysis of the Reversible Formation and Cleavage of C-H and N-H Bonds of Aminopyridinate Ligands Bound to ($\eta^5\text{-C}_5\text{Me}_5$)Ir(III). <i>Chemistry - A European Journal</i> , 2015, 21, 2576-2587.	3.3	13
188	Experimental and Computational Studies of the Molybdenum-Flanking Arene Interaction in Quadruply Bonded Dimolybdenum Complexes with Terphenyl Ligands. <i>Chemistry - A European Journal</i> , 2015, 21, 410-421.	3.3	13
189	A Cationic Unsaturated Platinum(II) Complex that Promotes the Tautomerization of Acetylene to Vinylidene. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2772-2775.	13.8	13
190	Ligand Rearrangement and Hemilability in Rhodium(I) and Iridium(I) Complexes Bearing Terphenyl Phosphanes. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 2309-2321.	2.0	13
191	Substitution reactions in cyclometallated complexes. Crystal and molecular structure of	2.2	12
192	$\eta^3\text{-2-Methylallyl}$ phosphine complexes of nickel(II). <i>Polyhedron</i> , 1990, 9, 757-761.	2.2	12
193	Synthesis and properties of alkyl and $\eta^2\text{-acyl}$ complexes of tungsten. Crystal and molecular structure of W(CH ₃)(acac)(CO) ₂ (PMe ₃) ₂ . <i>Organometallics</i> , 1991, 10, 71-79.	2.3	12
194	Ethoxycarbonyl-, cyano- and methoxy-methyl complexes of nickel(II) and their carbonylation reactions. <i>Journal of the Chemical Society Dalton Transactions</i> , 1992, , 1491-1495.	1.1	12
195	Seven-coordinate hydride complexes of molybdenum and tungsten. Crystal and molecular structures of W(H)(Cl)(CO) ₂ (PMe ₃) ₃ . <i>Organometallics</i> , 1993, 12, 4228-4233.	2.3	12
196	Reactivity studies of $\eta^2\text{-acyl}$ complexes of molybdenum. kinetics of $\eta^2\text{-acyl}$ to $\eta^2\text{-iminoacyl}$ isomerization in their reactions with isocyanides. <i>Journal of the Chemical Society Dalton Transactions</i> , 1996, , 3687-3691.	1.1	12
197	Sulfur Insertion into the Molybdenum Acyl Bond of Mo(C(O)R)(S ₂ COR)(CO)(P) ₂ Complexes. Desulfurization of the Xanthate Ligand. <i>Organometallics</i> , 2000, 19, 261-268.	2.3	12
198	Synthesis of Rhodium Complexes with Bulky Substituted Cyclopentadienyl Ligands. H/D Exchange Reactions and Silane Activation. <i>Organometallics</i> , 2010, 29, 5481-5489.	2.3	12

#	ARTICLE	IF	CITATIONS
199	Iridium(III) complexes with polypyridine ligands coordinated as N-heterocyclic carbenes. Synthesis, structure and photophysical properties. <i>Dalton Transactions</i> , 2012, 41, 14126.	3.3	12
200	Reactivity of a Cationic (C ₅ Me ₅)Ir ^{III} -Cyclometalated Phosphine Complex with Alkynes. <i>Organometallics</i> , 2014, 33, 7164-7175.	2.3	12
201	New nickel o-xylyl complexes. Crystal and molecular structure of Ni ₃ (CH ₂ C ₆ H ₄ Me-o) ₄ (PMe ₃) ₂ (μ ₃ -OH) ₂ . <i>Organometallics</i> , 1985, 4, 2053-2055.	2.3	11
202	Trimethyl phosphine complexes of molybdenum and tungsten containing dinitrogen, ethylene, carbon dioxide and related ligands. <i>Journal of Organometallic Chemistry</i> , 1988, 358, 283-293.	1.8	11
203	Î ² -Iminoethyl-C,N vs.Î ³ -aminoethylene-C,N formation in the thermally induced rearrangement of isocyanide alkyl complexes of molybdenum. <i>Journal of the Chemical Society Chemical Communications</i> , 1991, , 1503-1505.	2.0	11
204	Acyl complexes of molybdenum: structural and reactivity studies. <i>Journal of Organometallic Chemistry</i> , 1995, 500, 61-67.	1.8	11
205	Observation of a Non-H-Bond-Stabilized Tautomeric Imine-Enamine Equilibrium in Iminoacyl-Palladium Complexes. <i>Organometallics</i> , 1995, 14, 2151-2152.	2.3	11
206	Synthesis and characterization of d ² imido complexes of molybdenum. Crystal structure of [MoCl ₂ {N(mes)}(PhC≡CPh)(PMe ₃) ₂].0.5PhC≡CPh (mes=2,4,6-trimethylphenyl). <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, , 1299-1306.	1.1	11
207	Different coordination modes of an aryl-substituted hydrotris(pyrazolyl)borate ligand in rhodium and iridium complexes. <i>Inorganica Chimica Acta</i> , 2011, 369, 165-172.	2.4	11
208	Reactivity of a trans-[HMo≡Mo≡H] unit towards alkenes and alkynes: bimetallic migratory insertion, H-elimination and other reactions. <i>Chemical Communications</i> , 2018, 54, 9186-9189.	4.1	11
209	The reactions of tetrahydridotetrakis(methyldiphenylphosphine)-molybdenum(IV) and -tungsten(IV) with acids. <i>Journal of the Chemical Society Dalton Transactions</i> , 1977, , 1716.	1.1	10
210	X-ray crystal structure of [Ni{Î ² -C(NBut)CH(SiMe ₃) ₂ }Cl(PMe ₃)], the first structurally characterized Î ² -alkaneimidoyl complex of nickel. <i>Polyhedron</i> , 1995, 14, 323-326.	2.2	10
211	Barium and titanium aryl oxides as precursors for the preparation of thin-film oxides. The effect of bombardment by O ₂ ⁺ . <i>Journal of the Chemical Society Dalton Transactions</i> , 1995, , 1529-1536.	1.1	10
212	Pyrazolyl- and Hydrocarbyl-Bridged Binuclear Complexes of Nickel. <i>Organometallics</i> , 1997, 16, 2709-2718.	2.3	10
213	Synthesis and structure of mixed carboxylate-aminopyridinate and -amidinate complexes of dimolybdenum and ditungsten. <i>Inorganica Chimica Acta</i> , 2015, 424, 120-128.	2.4	10
214	An Unsaturated Four-coordinate Dimethyl Dimolybdenum Complex with a Molybdenum-Molybdenum Quadruple Bond. <i>Chemistry - A European Journal</i> , 2017, 23, 194-205.	3.3	10
215	Cationic (Î ⁵ -C ₅ Me ₄ Rh ^{III}) Complexes with Metalated Aryl Phosphines Featuring Î ⁴ -Phosphorus plus Pseudo-Allylic Coordination. <i>Organometallics</i> , 2018, 37, 11-21.	2.3	10
216	Bis(dinitrogen)- and Diethylene-molybdenum(0) Complexes. <i>Angewandte Chemie International Edition in English</i> , 1982, 21, 441-442.	4.4	9

#	ARTICLE	IF	CITATIONS
217	Synthesis, characterization, and properties of the η^2 -acyl complexes $\text{Mo}(\eta^2\text{-COCH}_2\text{CMe}_3)\text{X}(\text{PMe}_3)_4$ (X = Cl, Br). <i>Inorganic Chemistry</i> , 1988, 27, 1598-1601.	4.0	9
218	Synthesis and properties of seven-coordinate isocyanide complexes of molybdenum(II) and tungsten(II) containing carbonyl and trimethylphosphine ligands. X-ray structure of $\text{MoCl}_2(\text{CNBu-tert})(\text{CO})(\text{PMe}_3)_3$. <i>Inorganic Chemistry</i> , 1990, 29, 700-706.	4.0	9
219	Dialkyl complexes of nickel(II) containing chelating diphosphines. The crystal structure of $[\text{Ni}(\text{CH}_2\text{SiMe}_2\text{Ph})_2(\text{i-Pr}_2\text{PCH}_2\text{CH}_2\text{P}i\text{Pr}_2)]$. <i>Journal of Organometallic Chemistry</i> , 1993, 444, 245-250.	1.8	9
220	Solid-State Structures and Solution Studies of Novel Cyclopentadienyl Mercury Compounds. <i>Inorganic Chemistry</i> , 2007, 46, 4667-4676.	4.0	9
221	Synthesis and molecular structures of chloro(trimethylphosphine)tris(trimethylsilylmethyl)molybdenum(IV) and di- μ -chloro-bis[η^2 -trimethylsilylmethylcarbonylbis(carbonyl)trimethylphosphine-molybdenum(II)]. <i>Journal of the Chemical Society Chemical Communications</i> , 1978, .	2.0	8
222	The crystal structures of $\text{MoMe}_2(\eta^6\text{-C}_6\text{H}_6)(\text{PPhMe}_2)_2$ and $\text{MoMe}_2(\eta^6\text{-C}_6\text{H}_5\text{Me})(\text{PPhMe}_2)_2$. <i>Journal of the Chemical Society Dalton Transactions</i> , 1979, , 1519-1523.	1.1	8
223	Synthesis and crystal structures of chloro(trimethylphosphine)tris(trimethylsilylmethyl)molybdenum(IV) and di- μ -chloro-bis[bis(carbonyl)trimethylphosphine(η^2 -trimethylsilylmethylcarbonyl)molybdenum(II)]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1980, , 229-234.	1.1	8
224	Acyl Complexes of Ni(II): Dialkyldithiocarbamate Derivatives. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 1982, 12, 185-195.	1.8	8
225	Selective synthesis of seven-membered cyclic thione analogues of acid anhydrides and other related derivatives via a benzannulated nickelacycle. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1990, , 180-182.	0.9	8
226	Partial Desulfurization of a Coordinated Xanthate and Concomitant Sulfur Insertion into a Molybdenum-Acetyl Bond. <i>Organometallics</i> , 1995, 14, 589-591.	2.3	8
227	C-H Bond activation and C-C bond formation in the reaction of 2,5-dimethylthiophene with TpMe_2Ir compounds. <i>Dalton Transactions</i> , 2005, , 1422-1427.	3.3	8
228	Conjugate Additions of Cyclic Oxygen-Bound Nickel Enolates to α,β -Unsaturated Ketones. <i>Chemistry - A European Journal</i> , 2007, 13, 3675-3687.	3.3	8
229	The dizinc bond as a ligand: A computational study of elongated dizinc bonds. <i>Inorganica Chimica Acta</i> , 2018, 470, 197-205.	2.4	8
230	Electron-rich metal complexes for CO_2 and CS_2 incorporation. <i>Pure and Applied Chemistry</i> , 1989, 61, 1701-1706.	1.9	8
231	Supported σ -Complexes of Li^+C Bonds from Coordination of Monomeric Molecules of LiCH_3 , LiCH_2CH_3 and LiC_6H_5 to $\text{Mo}^{\text{II}}\text{Mo}$ Bonds. <i>Angewandte Chemie - International Edition</i> , 2021, , e202116009.	13.8	8
232	Unmasking the constitution and bonding of the proposed lithium nickelate $\text{Li}_3\text{NiPh}_3(\text{solvent})_3$ revealing the hidden C_6H_4 ligand. <i>Chemical Science</i> , 2022, 13, 5268-5276.	7.4	8
233	Alkyl-arene and -cyclo-octadiene complexes of molybdenum(II) containing tertiary phosphines. <i>Journal of the Chemical Society Dalton Transactions</i> , 1978, , 1139.	1.1	7
234	Synthesis of chloro(trimethylphosphine)tris(trimethylsilylmethyl)tungsten(IV); synthesis and molecular structure of di- μ -chloro-bis[dicarbonyl(trimethylphosphine)(η^2 -trimethylsilylmethylcarbonyl)tungsten(II)]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1983, , 1003-1005.	1.1	7

#	ARTICLE	IF	CITATIONS
235	Dihapto-acyl versus alkyl(carbonyl) coordination. Influence of electronic and steric effects. <i>Polyhedron</i> , 1988, 7, 163-165.	2.2	7
236	Synthesis and structural characterization of volatile poly(3,5-dimethyl-1-pyrazolyl)-borate-complexes of Ca, Sr, and Ba. <i>Journal of Organometallic Chemistry</i> , 1994, 474, C5-C7.	1.8	7
237	Alkyl and alkaneimido derivatives of Nickel(II) That contain the bulky CH(SiMe ₃) ₂ Group. <i>Polyhedron</i> , 1996, 15, 3501-3509.	2.2	7
238	Unexpected reactivity of 2,5-dimethylthiophene towards TpMe ₂ Ir(C ₂ H ₄) ₂ . <i>Inorganica Chimica Acta</i> , 2003, 345, 367-369.	2.4	7
239	Low-Temperature NMR Studies of Zn Tautomerism and Hindered Rotations in Solid Zirconocene Derivatives. <i>Journal of Physical Chemistry A</i> , 2008, 112, 3557-3565.	2.5	7
240	Coordination of LiH Molecules to Mo≡Mo Bonds: Experimental and Computational Studies on Mo ₂ LiH ₂ , Mo ₂ Li ₂ H ₄ , and Mo ₆ Li ₉ H ₁₈ Clusters. <i>Journal of the American Chemical Society</i> , 2021, 143, 5222-5230.	13.7	7
241	Synthesis and reactivity studies of Pd(II) complexes of the bulky CH(SiMe ₃) ₂ group. X ray structure of the indenyl derivative (1-Ind)Pd[CH(SiMe ₃) ₂](PMe ₃). <i>Journal of Organometallic Chemistry</i> , 1999, 577, 316-322.	1.8	6
242	Ethylene Coordination and Acetylene Dimerization at Tp ² IrIII Centers. <i>Organometallics</i> , 2009, 28, 4649-4651.	2.3	6
243	Experimental and Computational Studies on Quadruply Bonded Dimolybdenum Complexes with Terminal and Bridging Hydride Ligands. <i>Chemistry - A European Journal</i> , 2021, 27, 6569-6578.	3.3	6
244	N-substituted aminobiphenyl palladacycles stabilized by dialkylterphenyl phosphanes: Preparation and applications in C N cross-coupling reactions. <i>Inorganica Chimica Acta</i> , 2021, 518, 120214.	2.4	6
245	Bis-Dinitrogen and Diethylene Complexes of Molybdenum (0). <i>Angewandte Chemie International Edition in English</i> , 1982, 21, 1116-1120.	4.4	5
246	Neutral aminocarbene complexes of nickel from the reaction of [Ni{1-2-C(NBut)CH ₂ CMe ₃ }(NC ₄ H ₂ Me ₂)(PMe ₃)] with diprotonic acids. <i>Polyhedron</i> , 1990, 9, 1447-1451.	2.2	5
247	1-2-C-H interaction vs. Dihaptoacyl co-ordination in a molybdenum acetyl complex. X-Ray crystal structure of [Mo(Ac)(S ₂ CNMe ₂)(CO)-(PMe ₃) ₂]. <i>Journal of the Chemical Society Chemical Communications</i> , 1983, , 161-162.	2.0	4
248	Unusual alkylidene-bridged complexes of nickel by 1-H abstraction from a nickelacycle. Crystal and molecular structure of [Ni ₂ (CHCMe ₂ -o-C ₆ H ₄)Cl(PMe ₃) ₂] ₂ . <i>Journal of the Chemical Society Chemical Communications</i> , 1991, .	2.0	4
249	Reactivity studies of 1-2-acyl complexes of molybdenum: reactions with strong bases and with bidentate phosphines. <i>Journal of Organometallic Chemistry</i> , 1999, 582, 3-8.	1.8	4
250	Rhodium and iridium olefin complexes with bulky cyclopentadienyl and hydrotris(pyrazolyl)borate ligands. <i>Inorganica Chimica Acta</i> , 2009, 362, 4539-4545.	2.4	3
251	A Cationic Unsaturated Platinum(II) Complex that Promotes the Tautomerization of Acetylene to Vinylidene. <i>Angewandte Chemie</i> , 2017, 129, 2816-2819.	2.0	3
252	Richard Allan Andersen (November 16, 1942–June 16, 2019): A Tribute. <i>Organometallics</i> , 2019, 38, 4523-4532.	2.3	3

#	ARTICLE	IF	CITATIONS
253	Coordination of E=C Bonds (E = Zn, Mg, Al) and the Zn-H Bonds of (C ₅ Me ₅)ZnH and (C ₅ Me ₅)ZnZnH across a Quadruply Bonded Dimolybdenum Dihydride Complex. <i>Organometallics</i> , 2022, 41, 3225-3236.	2.3	3
254	Einfache inter- und intramolekulare C-H-Aktivierung mit Tp*-Rh-Komplexen: Rh ^I oder Rh ^{III} -Zwischenstufen?. <i>Angewandte Chemie</i> , 1995, 107, 242-244.	2.0	2
255	Water-Promoted Generation of a Diazirida Homobarrelene by C-C Coupling Between an Iridacyclic Alkylidene and Acetonitrile. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 8751-8755.	13.8	2
256	<i>In My Element</i> : Molybdenum. <i>Chemistry - A European Journal</i> , 2019, 25, 11-12.	3.3	2
257	Isomerization of a cationic (1-5-C ₅ Me ₅)Ir(III) complex involving remote C-C and C-H bond formation. <i>Polyhedron</i> , 2021, 207, 115363.	2.2	2
258	Seven-coordinate hydride complexes of molybdenum and tungsten. Crystal and molecular structures of WH(Cl)(CO) ₂ (PMe ₃) ₃ . [Erratum to document cited in CA119(18):194370q]. <i>Organometallics</i> , 1994, 13, 744-744.	2.3	1
259	Cleavage of Palladium Metallacycles by Acids: A Probe for the Study of the Cyclometalation Reaction. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 147-151.	13.8	1
260	Addition Reactions of O-Bound Cyclic Nickel Enolates to 1,2-Unsaturated Ketones.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
261	Generation and Reactivity of Sterically Hindered Iridium Carbenes. Competitive 1- versus 2-Hydrogen Elimination in Iridium(III) Alkyls. <i>ChemInform</i> , 2004, 35, no.	0.0	0
262	Recent Developments in the Chemistry of Beryllocenes. <i>ChemInform</i> , 2005, 36, no.	0.0	0
263	Supported C-Complexes of Li-C Bonds from Coordination of Monomeric Molecules of LiCH ₃ , LiCH ₂ CH ₃ and LiC ₆ H ₅ to Mo-Mo Bonds. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	0