John C Huffman

List of Publications by Year
in descending order

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452 papers	19,861 citations	9756 73 h-index	25716 108 g-index
466 all docs	466 docs citations	466 times ranked	7573 citing authors

#	Article	IF	Citations
1	Molecular Design of Single-Site Metal Alkoxide Catalyst Precursors for Ring-Opening Polymerization Reactions Leading to Polyoxygenates. 1. Polylactide Formation by Achiral and Chiral Magnesium and Zinc Alkoxides, (Î·3-L)MOR, Where L = Trispyrazolyl- and Trisindazolylborate Ligands. Journal of the American Chemical Society, 2000, 122, 11845-11854.	6.6	427
2	Preparation and physical properties of trinuclear oxo-centered manganese complexes of general formulation [Mn3O(O2CR)6L3]0,+ (R = methyl or phenyl; L = a neutral donor group) and the crystal structures of [Mn3O(O2CMe)6(pyr)3](pyr) and [Mn3O(O2CPh)6(pyr)2(H2O)].cntdot.0.5MeCN. Journal of the American Chemical Society, 1987, 109, 5703-5711.	6.6	323
3	Modeling the photosynthetic water oxidation center. Preparation and properties of tetranuclear manganese complexes containing [Mn4O2]6+,7+,8+ cores, and the crystal structures of Mn4O2(O2CMe)6(bipy)2 and [Mn4O2(O2CMe)7(bipy)2](ClO4). Journal of the American Chemical Society, 1989, 111, 2086-2097.	6.6	247
4	Reactions of metal-metal multiple bonds. 10. Reactions of Mo2(OR)6 (M.tplbond.M) and [Mo(OR)4]x compounds with molecular oxygen. Preparation and characterization of oxo alkoxides of molybdenum: MoO2(OR)2, MoO2(OR)2(bpy), MoO(OR)4, Mo3O(OR)10, Mo4O8(OR)4(py)4, and Mo6O10(OR)12. Inorganic Chemistry, 1984, 23, 1021-1037.	1.9	244
5	Single-Molecule Magnets:â€‰ A New Class of Tetranuclear Manganese Magnets. Inorganic Chemistry, 2000, 39, 3615-3623.	1.9	240
6	Monomeric metal alkoxides and trialkyl siloxides: (BDI)Mg(OtBu)(THFâ€Š) and (BDI)Zn(OSiPh3)(THFâ€Š). Comments on single site catalysts for ring-opening polymerization of lactidesâ€Šâ€. Dalton Transactions RSC, 2001, , 222-224.	2.3	230
7	A new active catalyst species for enantioselective alkylation by phase-transfer catalysis. Tetrahedron, 1994, 50, 4507-4518.	1.0	218
8	Preparation and properties of the triply bridged, ferromagnetically coupled dinuclear copper(II) complexes [Cu2(OAc)3(bpy)2](ClO4) and [Cu2(OH)(H2O)(OAc)(bpy)2](ClO4)2. Inorganic Chemistry, 1990, 29, 3657-3666.	1.9	214
9	Potential building blocks for molecular ferromagnets: [Mn12O12(O2CPh)16(H2O)4] with a S = 14 ground state. Journal of the American Chemical Society, 1988, 110, 8537-8539.	6.6	199
10	Molecular spin frustration in the [Fe4O2]8+ core: synthesis, structure, and magnetochemistry of tetranuclear iron-oxo complex [Fe4O2(O2CR)7(bpy)2](C1O4) (R = Me, Ph). Journal of the American Chemical Society, 1991, 113, 3012-3021.	6.6	199
11	Manganese carboxylate clusters: from structuralaesthetics to single-molecule magnets. Polyhedron, 1998, 17, 3005-3020.	1.0	189
12	Metal-metal multiple bonds in ordered assemblies. 1. Tetranuclear molybdenum and tungsten carboxylates involving covalently linked metal-metal quadruple bonds. Molecular models for subunits of one-dimensional stiff-chain polymers. Journal of the American Chemical Society, 1991, 113, 8709-8724.	6.6	187
13	Three-Coordinate Zinc Amide and Phenoxide Complexes Supported by a Bulky Schiff Base Ligand. Inorganic Chemistry, 2001, 40, 5051-5054.	1.9	186
14	Alcohol adducts of alkoxides: intramolecular hydrogen bonding as a general structural feature. Inorganic Chemistry, 1990, 29, 3126-3131.	1.9	182
15	Trimethylphosphine adduct of the zirconocene-benzyne complex: synthesis, reactions, and x-ray crystal structure. Journal of the American Chemical Society, 1986, 108, 7411-7413.	6.6	170
16	Modeling the dinuclear sites of iron biomolecules: synthesis and properties of Fe2O(OAc)2Cl2(bipy)2 and its use as an alkane activation catalyst. Journal of the American Chemical Society, 1988, 110, 6898-6900.	6.6	155
17	Single-Molecule Magnets:Â Two-Electron Reduced Version of a Mn12Complex and Environmental Influences on the Magnetization Relaxation of (PPh4)2[Mn12O12(O2CCHCl2)16(H2O)4]. Journal of the American Chemical Society, 2003, 125, 3576-3588.	6.6	149
18	Single-Molecule Magnets:Â Ligand-Induced Core Distortion and Multiple Jahnâ˜Teller Isomerism in [Mn12O12(O2CMe)8(O2PPh2)8(H2O)4]. Journal of the American Chemical Society, 2001, 123, 9914-9915.	6.6	141

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19	Structures of ionic decamethylmetallocenes: crystallographic characterization of bis(pentamethylcyclopentadienyl)calcium and -barium and a comparison with related organolanthanide species. Organometallics, 1990, 9, 1128-1134.	1.1	140
20	Syntheses and structures of a series of very low coordinate barium compounds: Ba[N(SiMe3)2]2(THF)2,	1.9	138
21	A new class of single-molecule magnets: mixed-valent [Mn4(O2CMe)2(Hpdm)6][ClO4]2 with an S = 8 ground state. Chemical Communications, 1999, , 783-784.	2.2	137
22	Neutral and Zwitterionic Low-Coordinate Titanium Complexes Bearing the Terminal Phosphinidene Functionality. Structural, Spectroscopic, Theoretical, and Catalytic Studies Addressing the Tiâ”P Multiple Bond. Journal of the American Chemical Society, 2006, 128, 13575-13585.	6.6	137
23	Molecular structure of (.eta.5-C5H5)2Ti(OC2H5)Cl and [(.eta.5-C5H5)Cl2Ti]2O2C2(CH3)4. A structural basis for deoxygenation using titanium. Journal of the American Chemical Society, 1980, 102, 3009-3014.	6.6	134
24	The chemistry of sterically crowded aryl oxide ligands. 3. Crystal and molecular structure and spectroscopic properties of mixed benzyl-aryl oxide compounds of zirconium. Organometallics, 1985, 4, 902-908.	1.1	134
25	Tetranuclear and Octanuclear Manganese Carboxylate Clusters:Â Preparation and Reactivity of (NBun4)[Mn4O2(O2CPh)9(H2O)] and Synthesis of (NBun4)2[Mn8O4(O2CPh)12(Et2mal)2(H2O)2] with a â€œLinked-Butterflyâ€•Structure. Inorganic Chemistry, 1996, 35, 6437-6449.	1.9	131
26	.pi.-Stabilized, yet Reactive, Half-Sandwich Cp*Ru(PR3)X Compounds: Synthesis, Structure, and Bonding. Inorganic Chemistry, 1995, 34, 488-499.	1.9	130
27	Intermolecular Câ–H Bond Activation Promoted by a Titanium Alkylidyne. Journal of the American Chemical Society, 2005, 127, 16016-16017.	6.6	129
28	Single-Molecule Magnets:â€‰ Novel Mn8 and Mn9 Carboxylate Clusters Containing an Unusual Pentadentate Ligand Derived from Pyridine-2,6-dimethanol. Inorganic Chemistry, 2002, 41, 5107-5118.	1.9	128
29	Single-Molecule Magnets:Â Preparation and Properties of Mixed-Carboxylate Complexes [Mn12O12(O2CR)8(O2CRâ€˜)8(H2O)4]. Inorganic Chemistry, 2001, 40, 4902-4912.	1.9	126
30	Evidence for the Existence of a Terminal Imidoscandium Compound: Intermolecular Cï£¿H Activation and Complexation Reactions with the Transient Scï£¾NAr Species. Angewandte Chemie - International Edition, 2008, 47, 8502-8505.	7.2	126
31	Synthesis of a remarkably stable bicyclo[7.3.1]diynene esperamicin A1/calicheamicin .gamma. system. Structural requirements for facile formation of a 1,4-diyl. Journal of the American Chemical Society, 1988, 110, 6921-6923.	6.6	120
32	Remarkably Stable Titanium Complexes Containing Terminal Alkylidene, Phosphinidene, and Imide Functionalities. Organometallics, 2005, 24, 1390-1393.	1.1	115
33	Intermolecular Câ–H Bond Activation Reactions Promoted by Transient Titanium Alkylidynes. Synthesis, Reactivity, Kinetic, and Theoretical Studies of the Tiâ‹®C Linkage. Journal of the American Chemical Society, 2007, 129, 8781-8793.	6.6	115
34	A Fluorobenzene Adduct of Ti(IV), and Catalytic Carboamination to Prepare Î±,Î²-Unsaturated Imines and Triaryl-Substituted Quinolines. Journal of the American Chemical Society, 2005, 127, 17992-17993.	6.6	111
35	Synthesis, Properties, and X-ray Structures of the Lanthanide .eta.6-Arene-Bridged Aryloxide Dimers Ln2(O-2,6-i-Pr2C6H3)6 and Their Lewis Base Adducts Ln(O-2,6-i-Pr2C6H3)3(THF)2 (Ln = Pr, Nd, Sm, Gd, Er,) Tj ETQq1 1 0.784314 rgB		
36	High-Spin Molecules:â€‰ Hexanuclear MnIII Clusters with [Mn6O4X4]6+ (X = Cl-, Br-) Face-Capped Octahedral Cores and S = 12 Ground States. Journal of the American Chemical Society, 1999, 121, 5489-5499.	6.6	109

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37	Synthesis, structure and spectroscopic properties of early transition metal .eta.2-iminoacyl complexes containing aryl oxide ligation. Journal of the American Chemical Society, 1987, 109, 390-402.	6.6	107
38	Intramolecular coupling of .eta.2-iminoacyl and .eta.2-acyl functions at Group 4 and Group 5 metal centers: structure and spectroscopic properties of the resulting enamidolate and enediamide complexes. Journal of the American Chemical Society, 1987, 109, 6068-6076.	6.6	106
39	Computational and Experimental Test of Steric Influence on Agostic Interactions:Â A Homologous Series for Ir(III). Journal of the American Chemical Society, 1999, 121, 97-106.	6.6	105
40	Preparation, structure, and magnetochemistry of hexanuclear manganese oxide complexes: chemically and thermally induced aggregation of aquahexakis(benzoato)oxobis(pyridine)trimanganese forming products containing the [Mn6O2]10+ core. Inorganic Chemistry, 1989, 28, 1915-1923.	1.9	104
41	A Co2N2 Diamond-Core Resting State of Cobalt(I): A Three-Coordinate CoI Synthon Invoking an Unusual Pincer-Type Rearrangement. Angewandte Chemie - International Edition, 2006, 45, 3291-3295.	7.2	103
42	Copper polyhydrides. Journal of the American Chemical Society, 1985, 107, 7774-7775.	6.6	102
43	Organofluorine binding to sodium and thallium(I) in molecular fluoroalkoxide compounds. Journal of the American Chemical Society, 1993, 115, 5093-5104.	6.6	102
44	Intramolecular activation of aliphatic carbon-hydrogen bonds at tantalum(V) metal centers: a comparison of activation by methyl and methylidene functional groups. Journal of the American Chemical Society, 1986, 108, 1502-1509.	6.6	101
45	Four-Coordinate Phosphinidene Complexes of Titanium Prepared by Î±-H-Migration:Â Phospha-Staudinger and Phosphaalkene-Insertion Reactions. Journal of the American Chemical Society, 2003, 125, 10170-10171.	6.6	101
46	Isoelectronic molecules with triple bonds to metal atoms (M = Mo, W): crystal and molecular structures of tri-tert-butoxytungsten ethylidyne and nitride. Inorganic Chemistry, 1983, 22, 2903-2906.	1.9	100
47	Use of tetra-n-butylammonium permanganate for inorganic syntheses in nonaqueous solvents. Preparation and structure of a manganese(III) dimer containing bridging phenoxo oxygen atoms. Inorganic Chemistry, 1986, 25, 996-999.	1.9	97
48	Solid state and solution structural investigation of homoleptic tin(IV) alkoxide compounds. Part I. Sn(Oâ€”t-Bu)4 and [Sn(Oâ€”i-Pr)4â€¢HOâ€”i-Pr]2. Canadian Journal of Chemistry, 1991, 69, 121-129.	0.6	96
49	Preparation and X-ray Structures of K[Ln(O-2,6-i-Pr2C6H3)4] (Ln = La, Nd, Er). Extended Chain Structures of Lanthanide Tetrakis(Aryloxide) Anions Bridged by Potassium-.eta.-Arene Interactions. Inorganic Chemistry, 1994, 33, 5903-5911.	1.9	96
50	Metal alkoxides: models for metal oxides. 4. Alkyne adducts of ditungsten hexaalkoxides and evidence for an equilibrium between dimetallatetrahedrane and methylidynemetal complexes: W2(.mu.-C2H2) .dblharw. 2W.tplbond.CH. Journal of the American Chemical Society, 1984, 106, 6794-6805.	6.6	95
51	A Terminal and Four-Coordinate Titanium Alkylidene Prepared by Oxidatively Induced Î±-Hydrogen Abstraction. Journal of the American Chemical Society, 2003, 125, 6052-6053.	6.6	94
52	Reductive elimination pathways to low valent titanium aryl oxide complexes. Journal of the American Chemical Society, 1987, 109, 4720-4722.	6.6	91
53	Modelling the photosynthetic water oxidation center: preparation and physical properties of a tetranuclear oxide bridged manganese complex corresponding to the native S2 state. Journal of the American Chemical Society, 1987, 109, 6502-6504.	6.6	91
54	A copper-(.mu.2-hydrogen) bond can be stronger than an intramolecular phosphorus .fwdarw. copper bond. Synthesis and structure of di-.mu.-hydridobis[.eta.2-1,1,1-tris(diphenylphosphinomethyl)ethane]dicopper. Inorganic Chemistry, 1986, 25, 2484-2485.	1.9	90

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55	Four-Coordinate Titanium Alkylidene Complexes:Â Synthesis, Reactivity, and Kinetic Studies Involving the Terminal Neopentylidene Functionality. Organometallics, 2005, 24, 1886-1906.	1.1	89
56	Coordinated carbenes from electron-rich olefins on RuHCl(PPr3i)2. New Journal of Chemistry, 2000, 24, 9-26.	1.4	87
57	The First Î·2-CH2Cl2 Adduct of Ru(II):[RuH(Î·2-CH2Cl2)(CO)(PtBu2Me)2][BArâ€˜4] (Arâ€˜ = 3,5-C6H3(CF3)2) and Its RuH(CO)(PtBu2Me)2+ Precursor. Journal of the American Chemical Society, 1997, 119, 7398-7399.	6.6	86
58	Early actinide alkoxide chemistry. Synthesis, characterization, and molecular structures of thorium(IV) and uranium(IV) aryloxide complexes. Journal of the American Chemical Society, 1992, 114, 10811-10821.	6.6	85
59	Highly Enantioselective 1,2-Addition of Lithium Acetylide-Ephedrate Complexes:â€‰ Spectroscopic Evidence for Reaction Proceeding via a 2:2 Tetramer, and X-ray Characterization of Related Complexes. Journal of the American Chemical Society, 2000, 122, 11212-11218.	6.6	85
60	Mechanistic Role of H2O and the Ligand in the Chemical Vapor Deposition of Cu, Cu2O, CuO, and Cu3N from Bis(1,1,1,5,5,5-hexafluoropentane-2,4-dionato)copper(II). Chemistry of Materials, 1995, 7, 1589-1596.	3.2	84
61	Nonanuclear oxide-bridged manganese complex. Preparation, structure, and magnetic properties of [Mn9O4(O2CPh)8(sal)4(salH)2(pyr)4] (salH2 = salicylic acid; pyr = pyridine). Journal of the American Chemical Society, 1988, 110, 823-830.	6.6	83
62	Reactivity at the Î²-Diketiminate Ligand Nacnac-on Titanium(IV) (Nacnac-= [Ar]NC(CH3)CHC(CH3)N[Ar], Ar) Tj ETQq0 0 0 rgBT /Overloc Inorganic Chemistry, 2003, 42, 8003-8010.	1.9	81
63	OsH5(PMe2Ph)3+: Structure, Reactivity, and Its Use as a Catalyst Precursor for Olefin Hydrogenation and Hydroformylation. Inorganic Chemistry, 1994, 33, 4966-4976.	1.9	79
64	Influence of the d-Electron Count on CO Binding by Three-Coordinate [(^tBu₂PCH₂SiMe₂)₂N]Fe, -Co, and -Ni. Inorganic Chemistry, 2008, 47, 407-409.	1.9	78
65	Models of the manganese catalase enzymes. Dinuclear manganese(III) complexes with the [Mn2(.mu.-O)(.mu.-O2CR)2]2+ core and terminal monodentate ligands: preparation and properties of [Mn2O(O2CR)2X2(bpy)2] (X = chloride, azide, water). Journal of the American Chemical Society, 1993, 115, 12353-12361.	6.6	77
66	RuX(CO)(NO)L2and Ru(CO)(NO)L2+:Â Ru(0) or Ru(II) or In Between?. Journal of the American Chemical Society, 1997, 119, 8642-8651.	6.6	77
67	Terminal and Four-Coordinate Vanadium(IV) Phosphinidene Complexes. A Pseudo Jahnâ˜Teller Effect of Second Order Stabilizing the Vâ˜P Multiple Bond. Journal of the American Chemical Society, 2004, 126, 1924-1925.	6.6	77
68	Room Temperature Ring-Opening Metathesis of Pyridines by a Transient Tiâ‹®C Linkage. Journal of the American Chemical Society, 2006, 128, 6798-6799.	6.6	77
69	Synthesis and Structural Characterization of Porphyrinic Enediynes:â€‰ Geometric and Electronic Effects on Thermal and Photochemical Reactivity. Inorganic Chemistry, 2003, 42, 5158-5172.	1.9	76
70	Ambient Temperature Activation of Haloporphyrinic-Enediynes:Â Electronic Contributions to Bergman Cycloaromatization. Journal of the American Chemical Society, 2003, 125, 11484-11485.	6.6	76
71	Single-molecule magnets: control by a single solvent molecule of Jahnâ€“Teller isomerism in [Mn12O12(O2CCH2But)16(H2O)4]. Chemical Communications, 2003, , 2672-2673.	2.2	74
72	Terminal Vanadiumâ˜Neopentylidyne Complexes and Intramolecular Cross-Metathesis Reactions to Generate Azametalacyclohexatrienes. Journal of the American Chemical Society, 2004, 126, 10506-10507.	6.6	74

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73	Molecular Design of Single Site Catalyst Precursors for the Ring-Opening Polymerization of Cyclic Ethers and Esters. 2. Can Ring-Opening Polymerization of Propylene Oxide Occur by a Cis-Migratory Mechanism?. Macromolecules, 2001, 34, 3159-3175.	2.2	73
74	Terminal Zirconium Imides Prepared by Reductive Câ^'N Bond Cleavage. Organometallics, 2004, 23, 6166-6175.	1.1	73
75	Tetrameric lanthanide neopentoxide complexes with agostic Ln...H-C interactions: X-ray crystal		

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91	Synthesis and crystallographic characterization of (Me5C5)2Ca(Me3SiC.tplbond.C-C.tplbond.CSiMe3): the first monomeric diyne complex of a main-group element. Journal of the American Chemical Society, 1990, 112, 2454-2455.	6.6	60
92	Multiple Bonds between Metal Atoms in Ordered Assemblies. 2. Quadrupole Bonds in the Mesomorphic State. Journal of the American Chemical Society, 1994, 116, 4551-4566.	6.6	60
93	Cationic and Neutral Four-Coordinate Alkylidene Complexes of Vanadium(IV) Containing Short Vï£¾C Bonds. Angewandte Chemie - International Edition, 2004, 43, 3156-3159.	7.2	60
94	Metal alkoxides: models for metal oxides. 2. Addition of ethyne, propyne, and 2-butyne to Mo2(OR)6 (M.tplbond.M) compounds (R = tert-Bu, iso-Pr, and neopentyl). Characterization of .mu.-alkyne and .mu.-C4H4 adducts and an evaluation of their role in alkyne oligomerization reactions. Journal of the American Chemical Society, 1982, 104, 4389-4399.	6.6	59
95	Synthesis, structure, and bonding of mononuclear aryloxide derivatives of niobium in oxidation states +5, +3, +2, and +1. Journal of the American Chemical Society, 1989, 111, 4742-4749.	6.6	59
96	Synthesis of a monopentamethylcyclopentadienyl halide complex of calcium. The x-ray crystal structure of [(Me5C5)Ca(.mu.-I)(THF)2]2. Organometallics, 1989, 8, 2044-2049.	1.1	59
97	Reaction of Nitrogen Chelates with the [Rh2]4+ Core:â€‰ Bis-Chelate Products and Demonstration of Reversible, Chelate-Based Reduction Processes. Inorganic Chemistry, 1997, 36, 2361-2371.	1.9	59
98	Vanadium(IV) thiolate chemistry: preparation, structure, and properties of [VE(SCH2CH2S)2]2- (E = O,S). Inorganic Chemistry, 1985, 24, 3297-3302.	1.9	58
99	CO-Induced C(sp2)/C(sp) Coupling on Ru and Os:Â A Comparative Study. Organometallics, 1998, 17, 4700-4706.	1.1	58
100	Cleavage of Hâ^'C(sp2) and C(sp2)â^'X Bonds (X = Alkyl, Aryl, OR, NR2):â€‰ Facile Decarbonylation, Isonitrile Abstraction, or Dehydrogenation of Aldehydes, Esters, Amides, Amines, and Imines by [RuHCl(PiPr3)2]2. Organometallics, 2000, 19, 3569-3578.	1.1	58
101	Geminal dehydrogenation of ether and amine C(sp3)H2 groups by electron-rich Ru(ii) and OsElectronic 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/nj/b2/b200168n/. New Journal of Chemistry, 2002, 26, 687-700.	1.4	57
102	A High Nuclearity, Mixed-Valence Manganese(III,IV) Complex: [Mn21O24(OMe)8(O2CCH2tBu)16(H2O)10]. Angewandte Chemie - International Edition, 2002, 41, 2506-2508.	7.2	56
103	The chemistry of sterically crowded aryloxide ligandsâ€”VII. Synthesis, structure and spectroscopic properties of some group 4 and group 5 metal derivatives of 2,6-diphenylphenoxide. Polyhedron, 1987, 6, 2019-2026.	1.0	55
104	Tetranuclear and Pentanuclear Vanadium(IV/V) Carboxylate Complexes:Â [V4O8(NO3)(O2CR)4]2-and [V5O9X(O2CR)4]2-(X = Cl-, Br-) Salts. Inorganic Chemistry, 1996, 35, 6450-6460.	1.9	54
105	New tetranuclear metal carboxylate clusters with the [M4(Î¼3-O)2]8+ (Mâ€…=â€…MnIII or FeIII) cores: crystal structures and properties of [Mn4O2Cl2(O2CC6H3F2-3,5)6(py)4], [Fe4O2Cl2(O2CMe)6(bpy)2] and [NBun4][Fe4O2(O2CMe)7(pic)2]â€Šâ€. Journal of the Chemical Society Dalton Transactions, 1998, , 719-726.	1.1	54
106	Metal alkoxides models for metal oxides. 5. Coupling of alkyne ligands in reactions involving ditungsten hexaalkoxides: an alternative to the metathesis reaction M.tplbond.M + C.tplbond.C- .fwdarw. 2M.tplbond.C. Journal of the American Chemical Society, 1984, 106, 6806-6815.	6.6	53
107	New hexanuclear and octanuclear iron(III) oxide clusters: octahedral [Fe6O2]14+ species and core isomerism in [Fe8O4]16+ complexes. Inorganica Chimica Acta, 2000, 297, 389-399.	1.2	53
108	Tetranuclear Manganese Complexes with Dimer-of-Dimer and Ladder Structures from the Use of a Bis-Bipyridyl Ligand. Inorganic Chemistry, 2002, 41, 2441-2450.	1.9	53

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109	Accelerated Bergman cyclization of porphyrinic-enediynesElectronic supplementary information (ESI) available: syntheses, characterization of 2aâ€“4b, crystallographic files (CCDC 200680â€“200685) in CIF format. See http://www.rsc.org/suppdata/cc/b2/b212923j/. Chemical Communications, 2003, , 858-859.	2.2	53
110	Polynuclear Manganese Complexes with the Dicarboxylate Ligand m-Phenylenedipropionate:â€‰ A Hexanuclear Mixed-Valence (3MnIII, 3MnIV) Complex. Inorganic Chemistry, 2004, 43, 101-115.	1.9	53
111	Snapshots of an Alkylidyne for Nitride Triple-Bond Metathesis. Journal of the American Chemical Society, 2007, 129, 2234-2235.	6.6	53
112	Transition-metal-mediated hydrogenation of carbon monoxide to olefins: intermediacy of coordinated carbenes. Journal of the American Chemical Society, 1981, 103, 5596-5598.	6.6	52
113	Reactions of M-M triple bonds with carbon-nitrogen triple bonds: adduct formation (M =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 hexaalkoxides of dimolybdenum and ditungsten. Journal of the American Chemical Society, 1983, 105, 6162-6163.	6.6	52
114	Synthetic and mechanistic aspects of intramolecular aliphatic carbon-hydrogen bond activation by titanium(IV) and zirconium(IV) metal centers. Journal of the American Chemical Society, 1985, 107, 5981-5987.	6.6	52
115	Crystal structure and magnetic susceptibility of the dinuclear manganese(IV) complex Mn2O2(pic)4.cntdot.MeCN (picH = picolinic acid). Inorganic Chemistry, 1989, 28, 4037-4040.	1.9	52
116	Reaction of 2,2'-bipyridine (bpy) with dirhodium carboxylates: mono-bpy products with variable chelate binding modes and insights into the reaction mechanism. Inorganic Chemistry, 1993, 32, 3125-3133.	1.9	52
117	Enhanced reactivity from noninnocent behavior by an alkoxide ligand in Cp*RuP(OR): toward the mechanism of alcohol elimination. Journal of the American Chemical Society, 1992, 114, 2725-2726.	6.6	51
118	Preparation and x-ray crystal structure of potassium tetrakis(2,6-diisopropoxyphenolato)neodymate(1-): a one-dimensional chain of lanthanide aryloxide anions joined by bis(.eta.6-arene)-potassium interactions. Inorganic Chemistry, 1992, 31, 1554-1556.	1.9	51
119	Synthetic Models for Low-Molecular-Weight Chromium-Binding Substance: Synthesis and Characterization of Oxo-Bridged Tetranuclear Chromium(III) Assemblies. Inorganic Chemistry, 1994, 33, 5522-5527.	1.9	51
120	Intramolecular Câˆ'H Activation Reactions Derived from a Terminal Titanium Neopentylidene Functionality. Redox-Controlled 1,2-Addition and Î±-Hydrogen Abstraction Reactions. Organometallics, 2005, 24, 3321-3334.	1.1	51
121	Modelling the photosynthetic water oxidation centre: synthesis, structure, and magnetic properties of [Mn4O2(OAc)7(biphy)2ClO4]Â·3H2O (bipy = 2,2â€²-bipyridine). Journal of the Chemical Society Chemical Communications, 1987, , 236-238.	2.0	50
122	Structure, Magnetochemistry and Biological Relevance of [Mn4O3Cl4(OAc)3(py)3], a Complex withS = 9/2 Ground State. Angewandte Chemie International Edition in English, 1988, 27, 1731-1733.	4.4	49
123	Metal/sulfide/thiolate chemistry for an early 3d transition metal: variation of product identity as a function of vanadium:sulfur reaction ratio and structure and redox properties of discrete vanadium sulfido ethanedithiolato complexes. Inorganic Chemistry, 1988, 27, 507-514.	1.9	49
124	Reactivity studies of mononuclear and dinuclear vanadium-sulfide-thiolate compounds. Inorganic Chemistry, 1993, 32, 204-210.	1.9	48
125	Reactions involving the triple bond in dimolybdenum and ditungsten hexa-alkoxides and Câ€“C, Câ€“N, and Câ€“O triple bonds. Chemical Society Reviews, 1985, 14, 69-91.	18.7	47
126	Chemical and electrochemical reduction of titanium(IV) aryloxides. Inorganic Chemistry, 1985, 24, 4569-4573.	1.9	47

#	Article	IF	Citations
127	Monocyclopentadienylvanadium(III) and -vanadium(II) methyl, phenyl, and borohydride compounds. Organometallics, 1985, 4, 946-948.	1.1	47
128	Remarkable influence of terminal alkoxy groups on carbonyl ligands as seen in the new compounds Mo(OBut)2(CO)2(py)2 and Mo2(OPri)8(CO)2. Journal of the American Chemical Society, 1979, 101, 7615-7617.	6.6	46
129	An unprecedented ligand set and coordination geometry for copper(I). Journal of the American Chemical Society, 1983, 105, 5137-5138.	6.6	46
130	Chemistry of sterically crowded aryloxide ligands. 4. Synthesis and structure of mixed chloro aryloxides of tantalum. Inorganic Chemistry, 1984, 23, 2575-2578.	1.9	46
131	Metal-metal bonded complexes of the early transition metals. 2. Synthesis of quadruply bonded tungsten(II) trifluoroacetate complexes. Journal of the American Chemical Society, 1981, 103, 2880-2882.	6.6	45
132	Hydride-rich zirconium-osmium and zirconium-rhenium dimers. Journal of the American Chemical Society, 1984, 106, 8310-8312.	6.6	45
133	A novel coordination mode for oxygen: preparation and properties of (NBun4)2[V4O(edt)2Cl8] containing a square planar oxide bridge. Journal of the American Chemical Society, 1989, 111, 8027-8029.	6.6	45
134	Structure/Volatility Correlation of Sodium and Zirconium Fluoroalkoxides. Chemistry of Materials, 1995, 7, 929-935.	3.2	45
135	Doubly-hydrated hexafluoroacetylacetone as a tetradentate ligand: synthesis, magnetochemistry, and thermal transformations of a dimanganese(III) complex. Inorganic Chemistry, 1993, 32, 3463-3470.	1.9	44
136	A third isolated oxidation state for the family of [Mn12O12(O2CR)16(H2O)4] compounds. Synthesis, characterization and single-molecule magnetism properties of (PPh4)2[Mn12O12(O2CR)16(H2O)x] (x=3) Tj ETQq1 0.0 0 rgBT4/4Overlock		
137	Characterisation of nanoscopic [Mn12O12(O2CR)16(H2O)4] single-molecule magnets: physicochemical properties and LDI- and MALDI-TOF mass spectrometryLDI- and MALDI-TOF are acronyms for Laser Desorption/Ionisation and Matrix Assisted Laser Desorption/Ionisation Time-of-Flight.. Journal of Materials Chemistry, 2002, 12, 1152-1161.	6.7	44
138	Dinuclear elimination from rhenium hydrides and trimethylaluminum: rhenium/aluminum polyhydrides. Journal of the American Chemical Society, 1984, 106, 8128-8136.	6.6	43
139	Reactions of metal-metal multiple bonds. 14. Synthesis and characterization of triangulo-W3 and -Mo2W oxo-capped alkoxide clusters. Conproportionation of M-M triple bonds and .sigma.2.pi.4 and d0 metal-oxo groups: M.tplbond.M + M.tplbond.O .fwdarw. M3(.mu.3-O). Inorganic Chemistry, 1985, 24, 241-245.	1.9	43
140	Binding of 2,2'-bipyridine to the dirhodium(II) tetraacetate core: unusual structural features and biological relevance of the product Rh2(OAc)4(bpy). Journal of the American Chemical Society, 1991, 113, 2770-2771.	6.6	43
141	Preparation and characterization of dinuclear copper(II) complexes containing the [Cu2(Î¼-OAc)2]2+ core. Polyhedron, 1992, 11, 1471-1479.	1.0	43
142	Potassium triphenylsiloxide â€œ-ateâ€•compounds of tin(II): Molecular and separated ion forms and variable potassium coordination numbers. Polyhedron, 1992, 11, 1369-1382.	1.0	43
143	Pyridine-2-thiolato Complexes of VII, VIII, and VIV with Unusual Structural Features. Angewandte Chemie International Edition in English, 1992, 31, 1253-1255.	4.4	43
144	One-dimensional polymerization of M2(OAc)4 (M = Cu, Rh) units using 2-(aminomethyl)pyridine: preparation and characterization of [Rh2(OAc)4(amp)]n and [Cu4(OAc)8(amp)2]n. Polyhedron, 1994, 13, 2933-2942.	1.0	43

#	Article	IF	Citations
145	Spring-Loading at the Molecular Level:â€‰ Relaxation of Guest-Induced Strain in Channel Inclusion Compounds. Journal of the American Chemical Society, 1999, 121, 9732-9733.	6.6	43
146	Preparation, crystal structure and chelate substitution reactions of [Mn4O2(O2CPh)6(dpm)2] (dpm=the anion of dipivaloylmethane). Polyhedron, 2001, 20, 1785-1793.	1.0	43
147	Phosphaazaallene and phosphinylimide complexes stemming from a terminal and four-coordinate titanium phosphinidene. Dalton Transactions, 2003, , 4228-4229.	1.6	43
148	Mixed valence manganese-(II,III) and -(III,IV) dinuclear complexes: preparation, structure, magnetochemistry, and e.s.r. spectra of Mn2(biphen)2(biphenH)(bpy)2and Mn2O2Cl2(OAc)(bpy)2(biphenH2= 2,2â€²-biphenol, bpy = 2,2â€²-bipyridine). Journal of the Chemical Society Chemical Communications, 1988, , 700-702.	2.0	42
149	Synthesis of tetranuclear and pentanuclear vanadium-oxide-carboxylate aggregates. Journal of the Chemical Society Chemical Communications, 1989, , 1411.	2.0	42
150	Aliphatic neodymium alkoxides with sterically demanding ligands. Preparation and x-ray crystal structures of Nd2(OCH-iso-Pr2)6L2 (L = THF, py) and [Nd2(OCH-iso-Pr2)6(.mu.-DME)].infin.. Inorganic Chemistry, 1993, 32, 4077-4083.	1.9	42
151	Triangular phenoxide aggregates of calcium, strontium, and barium: a comparison. Inorganic Chemistry, 1993, 32, 1970-1976.	1.9	42
152	High-Spin Molecules:Â Hexanuclear [Mn6O4Cl4(Me2dbm)6] (Me2dbmH = 4,4â€˜-Dimethyldibenzoylmethane) with a Near Tetrahedral [Mn6O4Cl4]6+Core and aS= 12 Ground State. Journal of the American Chemical Society, 1998, 120, 2977-2978.	6.6	42
153	Conversion of Ethylene to Hydride and Ethylidyne by an Amido Rhenium Polyhydride. Organometallics, 2003, 22, 2539-2541.	1.1	42
154	Ligand Scavenging and Catalytic Utilization of the Phototransient ReH5(PMe2Ph)2. Journal of Organometallic Chemistry, 1981, 218, C39-C43.	0.8	41
155	Allene adducts of ditungsten hexaalkoxides. Three modes of allene coordination to dinuclear centers as seen in the structures of W2(OBu-tert)6(C3H4), W2(OBu-tert)6(C3H4)2, and W2(OBu-tert)6(C3H4)(CO)2. Organometallics, 1991, 10, 3722-3735.	1.1	41
156	Solution and solidâ€“gas reactivity of unsaturated [RuCp(tmeda)]+ (tmeda=Me2NC2H4NMe2). Journal of Organometallic Chemistry, 2000, 593-594, 342-353.	0.8	41
157	Zwitterionic and Cationic Titanium and Vanadium Complexes Having Terminal Mâ•C Multiple Bonds. The Role of the Î²-Diketiminate Ligand in Formation of Charge-Separated Species. Organometallics, 2009, 28, 4115-4125.	1.1	41
158	Reactions of metal-metal multiple bonds. 7. Addition of the halogens chlorine, bromine and iodine and diisopropyl peroxide to hexaisopropoxydimolybdenum (M.tplbond.M). Dinuclear oxidative-addition reactions accompanied by metal-metal bond-order changes from 3 to 2 to 1. Inorganic Chemistry, 1981, 20, 871-876.	1.9	40
159	Isolation and structure of bis(ethane-1,2-dithiolato)(trimethylsilyloxy)vanadate(1-), an intermediate in the conversion of [VO(edt)2]2- to [VS(edt)2]2- (edt2 = ethane-1,2-dithiolate) with (Me3Si)2S. EPR		

#	Article	IF	Citations
163	Monocyclopentadienyl zirconium(IV) complexes. Journal of Organometallic Chemistry, 1981, 213, C17-C20.	0.8	39
164	Coupling of acyl and iminoacyl groups on zirconium and .sigma.2,.pi.-coordination of the resulting enamidolate ligand. Journal of the American Chemical Society, 1985, 107, 1072-1073.	6.6	39
165	The synthesis, structure and spectroscopic properties of the di- and tri-nuclear Ni(II) thiolate complexes. Polyhedron, 1987, 6, 863-870.	1.0	39
166	The synthesis and structure of Group 5 metal alkyl and alkylidene complexes containing 2,6-dialkylphenoxide ligands: X-ray crystal structures of [Ta(OC6H3Me2-2,6)2(CH2Ph)3], [Ta(OC6H3Me2-2,6)4Me], and [Ta(OC6H3But2-2,6)2(î€†CHSiMe3)(CH2SiMe3)]. Journal of the Chemical Society Dalton Transactions, 1987, , 155-162.	1.1	38
167	chlorotrimethylsilane: synthesis and characterization of polymeric (2,2'-bipyridine)trichloromanganese and an improved synthesis of bis(tetraethylammonium) pentachloromanganate(2-). Inorganic Chemistry, 1991, 30, 1665-1668.	1.9	38
168	Synthesis and Characterization of Novel Oxo-Bridged Dinuclear and Hydroxo-Bridged Trinuclear Chromium(III) Assemblies. Inorganic Chemistry, 1997, 36, 4875-4882.	1.9	38
169	Ti(NMe2)4and [HNMe2Ph][B(C6F5)4]:Â A Convenient Blend for Effective Catalytic Carboamination of Alkynes. Organometallics, 2006, 25, 2402-2404.	1.1	38
170	An Alkylidyne Analogue of Tebbe's Reagent: Trapping Reactions of a Titanium Neopentylidyne by Incomplete and Complete 1,2-Additions. Angewandte Chemie - International Edition, 2007, 46, 8246-8249.	7.2	38
171	The tungsten-tungsten triple bond. 13. Bisalkyl tetracarboxylates of dimolybdenum and ditungsten. Triple bonds between metal atoms with the valence molecular orbital description .pi.4.delta.2. Journal of the American Chemical Society, 1987, 109, 6796-6816.	6.6	37
172			

#	Article	IF	Citations
181	Niobium Bis-alkylidene Complexes Prepared by a Multi-Electron Redox Process. Organometallics, 2007, 26, 6132-6138.	1.1	36
182	Copper(I) and silver(I) diiridium polyhydrides. Journal of the American Chemical Society, 1984, 106, 6874-6876.	6.6	35
183	Reactivity of tantalum Î·2-iminoacyl groups: intramolecular coupling, reduction, and dealkylation. Journal of the Chemical Society Chemical Communications, 1986, , 1203-1205.	2.0	35
184	Reactions involving alkynes and tungsten-tungsten triple bonds supported by alkoxide ligands. Polyhedron, 1987, 6, 783-792.	1.0	35
185	Synthesis and intramolecular coupling of tantalum Î·2-iminoacyl (Î·2-RNCRâ€²) and Î·2-imine (Î·2-RNCRâ€²2) functional groups. Polyhedron, 1989, 8, 341-349.	1.0	35
186	Metal Alkoxides - Models for Metal Oxides. 18. Polynuclear Metal Hydrido Alkoxides. Reactions of W4(H)2(O-i-Pr)14 and W2(H)(O-c-C5H9)7(HNMe2) with Carbon-Carbon, Carbon-Oxygen, and Carbon-Nitrogen Multiple Bonds. Journal of the American Chemical Society, 1995, 117, 1974-1990.	6.6	35
187	Î¼-Benzene in a Heterobimetallic Fluoroalkoxide:Â CHÂ·Â·Â·FC Hydrogen Bonding?. Inorganic Chemistry, 1997, 36, 4372-4380.	1.9	35
188	Dinuclear and Hexanuclear Iron(III) Oxide Complexes with a Bis(bipyridine) Ligand:Â A New [Fe6(Î¼3-O)4]10+Core. Inorganic Chemistry, 1998, 37, 6065-6070.	1.9	35
189	Intramolecular addition of an aliphatic C-H bond to a tantalum-carbon double bond. Journal of the American Chemical Society, 1982, 104, 7338-7340.	6.6	34
190	Reactions of metal-metal multiple bonds. 9. .alpha.-Diketone adducts of ditungsten hexaalkoxides: W2(OR)6(O2C2R'2)2 (M-M). Inorganic Chemistry, 1983, 22, 4100-4105.	1.9	34
191	Aluminum alkyls and transition metal hydrides: "nonclassical" adduct structure and catalysis of hydrogen migration. Journal of the American Chemical Society, 1984, 106, 444-445.	6.6	34
192	Multiple mixed-metal condensation leading to the trigonal bipyramidal iridium copper hexahydride Ir2Cu3H6(MeCN)3(PMe2Ph)63+. Journal of the American Chemical Society, 1985, 107, 1759-1760.	6.6	34
193	Dinuclear copper(II) complexes with the new [Cu2(Î¼-OR)(Î¼-OAc)2]+ (R = alkyl) core: preparation and characterization of [Cu2(OR)(OAC)2(bpy)2]+ (R = Me, Et, Prn) salts. Polyhedron, 1995, 14, 1073-1081.	1.0	34
194	Reaction of ninhydrin with Î²-dicarbonyl compounds. Journal of Heterocyclic Chemistry, 1995, 32, 33-41.	1.4	34
195	Syntheses, Structures, and Thermal Behavior of Cu(hfacac) Complexes Derived from Ethanolamines. Inorganic Chemistry, 1997, 36, 2930-2937.	1.9	34
196	Silver(I) and Thallium(I) Complexes of a PNP Ligand and Their Utility as PNP Transfer Reagents. Inorganic Chemistry, 2007, 46, 6271-6276.	1.9	34
197	Boranes. XLV. Crystal and molecular structure, improved synthesis, and reactions of tridecaborane(19). Inorganic Chemistry, 1976, 15, 227-232.	1.9	33
198	Direct comparison of aryloxide and alkoxide coordination to a dimetal center. Synthesis and structure of bis[isopropoxybis(2,6-dimethylphenoxy)molybdenum(III)](Mo-Mo). Inorganic Chemistry, 1983, 22, 2906-2910.	1.9	33

#	Article	IF	Citations
199	Aggregation and solvation of a lithium aryloxide. Journal of Crystallographic and Spectroscopic Research, 1984, 14, 541-547.	0.3	33
200	A synthetic model approach to the manganese(III) acid phosphatase and its iron(III)-substituted form. Journal of the American Chemical Society, 1986, 108, 5038-5039.	6.6	33
201	A binuclear vanadium(III) complex containing the linear [VOV]4+ unit: preparation, structure, and properties of tetrakis(dimethylaminoethanethiolato)oxodivanadium. Inorganic Chemistry, 1987, 26, 944-948.	1.9	33
202	The origin of structural variety of alkyne complexes of d8 metals. An example of structural isomerism. Polyhedron, 1990, 9, 1867-1881.	1.0	33
203	MoÏ£¿Mo Quadruple Bonds Bridged by 1,8-Naphthyridinyl-2,7-Dioxide: an Insight into the Nature of a Parallel-Linked Stiff-Chain Polymer:. Angewandte Chemie International Edition in English, 1991, 30, 862-864.	4.4	33
204	A Samarium Alkyl-Aryloxide Complex Containing a Trigonal Bipyramidal Carbon Atom: X-ray Structure of [Li(THF)]2[Sm(O-2,6-i-Pr2C6H3)3(CH2SiMe3)2]. Organometallics, 1994, 13, 4266-4270.	1.1	33
205	Oxide Formation upon Thermolysis of a Pb(II)/Zr(IV) Alkoxide. Journal of the American Chemical Society, 1996, 118, 4030-4035.	6.6	33
206	Single-Molecule Magnets: Characterization of Complexes Exhibiting Out-of-Phase AC Susceptibility Signals. Molecular Crystals and Liquid Crystals, 1997, 305, 167-179.	0.3	33
207	Oxidatively Induced Î±-Hydrogen Abstraction. A Mild Protocol to Generate Terminal Titanium Alkylidenes Containing a Î²-Hydrogen. Organometallics, 2006, 25, 3963-3968.	1.1	33
208	Reductive Câ€“N bond cleavage of the NCCCN Î²-diketiminate backbone: A direct approach to azabutadienyl and alkylidene-anilide scaffolds. Inorganica Chimica Acta, 2007, 360, 246-254.	1.2	33
209	Synthesis of [Cu3Os3H9(PMe2Ph)9], a Bimetallic Raft, by Reductive Elimination of Alcohol or H2. Angewandte Chemie International Edition in English, 1986, 25, 262-264.	4.4	32
210	Hexaisopropoxyditungsten and dodecaisopropoxytetratungsten: W2(O-i-Pr)6 and W4(O-i-Pr)12. 1. Preparation, structure, and bonding. The first example of a metal-metal triple bond and its 12-electron cluster. Analogies with ethyne and cyclobutadiene. Journal of the American Chemical Society, 1987, 109, 7750-7761.	6.6	32
211	Selective monophenylation of an active methylene compound. Tetrahedron Letters, 1989, 30, 3909-3912.	0.7	32
212	Feasibility of a "building-block" approach to higher nuclearity manganese/oxygen/RCO2- aggregates: directed conversion of an [Mn4O2] to an [Mn8O4] complex. Journal of the American Chemical Society, 1990, 112, 5354-5356.	6.6	32
213	Dinuclear and hexanuclear iron(III) carboxylate clusters with a bis(bipyridine) ligand: supramolecular aggregation of [Fe2O2] units to give a [Fe6O6] ladder structureâ€Šâ€. Dalton Transactions RSC, 2000, , 3640-3648.	2.3	32
214	Tl(I), Fe(II), and Co(II) Complexes Supported by a MonoanionicN,N,Nâ€˜-Heteroscorpionate Ligand Bis(3,5-di-tertbutylpyrazol-1-yl)-1-CH2NAr (Ar = 2,6-iPr2C6H3). Inorganic Chemistry, 2006, 45, 1604-1610.	1.9	32
215	Crystal and molecular structure of chlorotri(3-butenyl)phosphinerhodium(I), RhClP(CH2CH2CH =) Tj ETQq1 1 0.784314 rgBT /Overlock	1.9	31
216	Metal-to-metal triple bonds-to cluster or not to cluster? Structural characterization of octakis(tert-butoxy)tetrakis(.mu.-fluoro)-tetramolybdenum and octakis(tert-butoxy)tris(.mu.-fluoro)-(.mu.-dimethylamido)-tetramolybdenum. Journal of the American Chemical Society, 1979, 101, 7100-7104.	6.6	31

#	Article	IF	Citations
217	Preparation and structure of (NEt4)2[V4S2(SCH2CH2S)6] and its structural and electronic relationship to the LixVS2 phases. Journal of the American Chemical Society, 1987, 109, 2210-2211.	6.6	31
218	(Î·3-P3)W(OCH2But)3(HNMe2) formed by cleavage of the Wî—¼W bond in the reaction between W2(OCH2But)6(HNMe2)2 and P4. Inorganica Chimica Acta, 1987, 133, 17-18.	1.2	31
219	Palladium-Mediated Substitution Reactions of Polyhedral Borane Anions. Inorganic Chemistry, 1994, 33, 5620-5624.	1.9	31
220	A Comparison of the Influences of Alkoxide and Thiolate Ligands on the Electronic Structure and Reactivity of Molybdenum(3+) and Tungsten(3+) Complexes. Preparation and Structures of		

#	Article	IF	Citations
235	Metal alkoxides-models for metal oxides. 9. Hydridoditungsten alkoxides: W2(H)(O-iso-Pr)8Na.cntdot.diglyme and W2(H)(I)(OCH2-tert-Bu)6(H2NMe). Further investigations of the reaction between W2(NMe2)6(M.tplbond.M) and iso-PrOH leading to W4(H)2(O-iso-Pr)14. Journal of the American Chemical Society, 1986, 108, 222-230.	6.6	28
236	Metal alkoxides. Models for metal oxides. 15. Carbon-carbon and carbon hydrogen bond activation in the reactions between ethylene and ditungsten hexaalkoxides: W2(OCH2-t-Bu)6(.eta.2-C2H4)2, W2(OR)6(CH2)4(.eta.2-C2H4), and W2(OR)6(.mu.-CCH2CH2CH2) (where R = Ch2-t-Bu, i-Pr, c-C5H9, and) Tj ETQq0 0 0 rgBT /Overlock Chemical Society, 1989, 111, 5284-5299.	6.6	28
237	A new core topology in hexanuclear iron(III) carboxylate chemistry: [Fe6O3(O2CMe)9(OEt)2(bpy)2](ClO4)â€Šâ€. Dalton Transactions RSC, 2000, , 4446-4452.	2.3	28
238	A New Class of Electron-Rich Unsaturated Molecules:Â Ru2HnX4-n(PiPr3)4, X = Anion. Inorganic Chemistry, 2000, 39, 3757-3764.	1.9	28
239	A new synthetic method to Mn carboxylate clusters: reductive fragmentation of [Mn12O12(O2CR)16(H2O)4] to [Mn8O2(O2CR)14(RCO2H)4] (R = CH2But). Chemical Communications, 2002, , 2502-2503.	2.2	28
240	The chemistry of the Euphorbiaceae. A new diterpene from Croton californicus. Journal of the American Chemical Society, 1976, 98, 3669-3674.	6.6	27
241	Oxidation and acidolysis of MoH4(PR3)4. Inorganic Chemistry, 1982, 21, 4185-4192.	1.9	27
242	Molecular structure and dynamic solution behavior of the bridging 1,3-dimetallaallyl ligand in (Me3SiCH2)4W2(.mu.-CSiMe3)(.mu.-C3R2SiMe3) compounds (R = hydrogen, methyl, or phenyl) formed by insertion of alkynes into a bridging (.mu.2) ligand. Journal of the American Chemical Society, 1984, 106, 1151-1153.	6.6	27
243	A lipophilic salt of a transition-metal polyhydride: KOsH3(PMe2Ph)3. Journal of the American Chemical Society, 1985, 107, 5111-5115.	6.6	27
244	Versatile Modes of Allene Bonding in the Structures of [W2(OtBu)6(C3H4)], [W2(OtBu)6(C3H4)(CO)2], and [W2(OtBu)6(C3H4)2]. Angewandte Chemie International Edition in English, 1989, 28, 1523-1525.	4.4	27
245	Preparation and characterization of [Mn11O10Cl2(OAc)11(bpy)2(MeCN)2(H2O)2](ClO4)2Â·8MeCN, a mixed-valence manganese(III/IV) aggregate with rare undecanuclearity (bpy = 2,2â€²-bipyridyl). Journal of the Chemical Society Chemical Communications, 1991, , 1657-1659.	2.0	27
246	Preparation and characterization of triply-bridged dinuclear copper(II) complexes containing the [Cu2(Î¼-OH)(Î¼-X)(Î¼-OAc)]+ core (X = Cl, Br), and the crystal structure of [Cu2(OH)Cl(OAc)(bpy)2](ClO4) Â·H2O. Polyhedron, 1991, 10, 2301-2308.	1.0	27
247	Influence of Lead(II) Lone Pairs on the Serpentine Structures for Heterometallic Alkoxides. Inorganic Chemistry, 1995, 34, 2491-2492.	1.9	27
248	The molybdenum-molybdenum triple bond. 14. Preparation and characterization of mixed alkoxy-thiolate compounds of formula Mo2(OR)2(SAr)4 (M.tplbond.M). Inorganic Chemistry, 1984, 23, 754-757.	1.9	26
249	Tungsten-carbon, carbon-hydrogen, and carbon-carbon bond activation in the chemistry of 1,2-W2R2(OR')4(W.tplbond.W) complexes. 1. Alkyne-promoted metal-to-metal alkyl migrations, W.tplbond.W/C.tplbond.C bond metathesis, and metallacyclopropene formation. Organometallics, 1989, 8, 49-66.	1.1	26
250	A new class of bipyridine-ligated metal carboxylate complexes: characterization of the triply-bridged ferromagnetically-coupled complexes [Cu2(OAc)3(bpy)2](ClO4) and [Cu2(OH)(H2O)(OAc)(bpy)2](ClO4)2. Journal of the Chemical Society Chemical Communications, 1990, , 746.	2.0	26
251	Preparation and properties of mononuclear vanadium thiolates: structural characterization of the [V(SBu-tert)4]0,- pair and carbon-sulfur bond cleavage in V(SBu-tert)4 in the gas phase. Inorganic Chemistry, 1991, 30, 300-305.	1.9	26
252	Three-Coordinate Ni^{II}: Tracing the Origin of an Unusual, Facile Siâ^'C(sp³) Bond Cleavage in [(^tBu₂PCH₂SiMe₂)₂N]Ni⁺. Journal of the American Chemical Society, 2011, 133, 2571-2582.	6.6	26

#	Article	IF	Citations
253	Vanadium thiolate chemistry: preparation and structures of [NMe4]Na[VO(SCH2CH2S)2]Â·2EtOH and [Ph4P]2[V2(SCH2CH2S)4]. Journal of the Chemical Society Chemical Communications, 1983, , 1313-1315.	2.0	25
254	An imido-capped tungsten cluster: W3(.mu.-NH)(O-i-Pr)10. Inorganic Chemistry, 1985, 24, 796-797.	1.9	25
255	Study of the formation of a .sigma.,.pi.-vinyl ligand by hydrogen atom transfer from a coordinated dimethylamide to a perpendicularly bonded ethyne ligand. Preparation and characterization of (PMe2Ph)Cl2W(.mu.-NMe2)(.mu.-.eta.1,.eta.2-CHCH2)(.mu.-.eta.2,.eta.1-CH2NMe)WCl(NMe2)(PMe2Ph). Journal of the American Chemical Society, 1986, 108, 989-999.	6.6	25
256	Evidence for Equilibria betweenÎ¼-Alkyne and Alkylidyne Complexes of Tungsten Alkoxides:[W2(OR)6(Î¼-C2Râ€²2)] ? 2[(RO)3Wâ‰¡ CRâ€²]. Angewandte Chemie International Edition in English, 1986, 25, 446-447.	11.9	25
257	Synthesis and structure of ReO(PMe3)(CH2SiMe3)3 and reaction with carbon monoxide. Organometallics, 1987, 6, 2273-2278.	1.1	25
258	Fluoro-Ligand Promotion of Câˆ’H Activation. Organometallics, 1997, 16, 505-507.	1.1	25
259	Amido/phosphine pincer hydrides of ruthenium. New Journal of Chemistry, 2003, 27, 263-273.	1.4	25
260	A diphosphide adduct of ditungsten-hexaisopropoxide: X-ray crystal structure of W2(OPri)6(py)(Î¼-P2). Polyhedron, 1985, 4, 893-895.	1.0	24
261	Discrete metal-sulfide-thiolate complexes of an early-3d-transition metal. Inorganic Chemistry, 1986, 25, 4072-4074.	1.9	24
262	Synthesis and single-crystal x-ray structural investigation of 1,1-bis(pentacarbonylmanganio)-3,4-dimethylgermacyclopent-3-ene and bis[1-(tetracarbonylferrio)-3,4-dimethylgermacyclopent-3-ene]: the first evidence for a puckered ground-state conformation in germacyclopent-3-enes. Inorganic Chemistry, 1990, 29, 795-798.	1.9	24
263	Towards functional models of the photosynthetic water oxidation centre: synthesis and structure of the asymmetric complex [Mn2O(O2CMe)2(bpy)2(H2O)(S2O8)]Â·H2O (bpy = 2,2â€²-bipyridine), containing coordinated H2O and S2O82â€“. Journal of the Chemical Society Chemical Communications, 1991, , 989-991.	2.0	24
264	The tungsten-tungsten triple bond. 17. Mixed amido-phosphido compounds for formula M2(PR2)2(NMe2)4. Comparisons of amido and phosphido ligation and bridged and unbridged isomers. Journal of the American Chemical Society, 1992, 114, 557-570.	6.6	24
265	Site Selectivity in Electrophilic (H+, CH3+) Abstraction on Os(H)2X2(PiPr3)2. Journal of the American Chemical Society, 1996, 118, 6934-6945.	6.6	24
266	Structural and Magnetochemical Properties of Mono-, Di-, and Trinuclear Manganese(III) Dithiolate Complexes. Inorganic Chemistry, 1998, 37, 516-525.	1.9	24
267	Snapshots of an oxidatively induced Î±-hydrogen abstraction reaction to prepare a terminal and four-coordinate titanium imide. Chemical Communications, 2003, , 1554-1555.	2.2	24
268	Latent low-coordinate titanium imides supported by a sterically encumbering Î²-diketiminate ligand. Chemical Communications, 2005, , 2250.	2.2	24
269	Synthetic and Mechanistic Studies of the Ring Opening and Denitrogenation of Pyridine and Picolines by Tiâˆ’C Multiple Bondsâ€. Organometallics, 2010, 29, 5409-5422.	1.1	24
270	Reaction of organocalcium and -barium complexes with pyrazines. X-ray structural characterization of [(Me5C5)2Ba]2(Î¼-C4H4N2). Journal of Organometallic Chemistry, 1992, 429, 143-152.	0.8	23

#	Article	IF	Citations
271	Structural characterization and reactivity studies of the samarium aryloxide complex Sm(O-2,6-Pr2iC6H3)3(THF)2. Polyhedron, 1996, 15, 2279-2289.	1.0	23
272	Structural Distortions inmer-M(H)3(NO)L2(M = Ru, Os) and Their Influence on Intramolecular Fluxionality and Quantum Exchange Coupling. Inorganic Chemistry, 2000, 39, 1919-1932.	1.9	23
273	Facile C(sp2)/OR Bond Cleavage by Ru or Os. Inorganic Chemistry, 2001, 40, 6610-6621.	1.9	23
274	Use of the dicarboxylate ligand m-phenylenedipropionate for the synthesis of new Mn/O clusters. Synthesis, characterization and magnetic properties. Polyhedron, 2001, 20, 1375-1380.	1.0	23
275	M2(hpp)4Cl2and M2(hpp)4, Where M = Mo and W:Â Preparations, Structure and Bonding, and Comparisons with C2, C2H2, and C2Cl2and the Hypothetical Molecules M2(hpp)4(H)2â€. Journal of the American Chemical Society, 2003, 125, 16040-16049.	6.6	23
276	Addition of alkynes to hexaalkoxydimolybdenum (M.ident.M) compounds and structure of .mu.-ethyne-hexaisopropoxydipyridinodimolybdenum. Journal of the American Chemical Society, 1981, 103, 4245-4246.	6.6	22
277	New pathway for the reaction of difluorocarbene with imines. Journal of the Chemical Society Chemical Communications, 1987, , 469.	2.0	22
278	Reactions of metal-metal multiple bonds. 15. Reactions of M2(OR)6(M.ident.M) compounds (M =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Chemistry, 1988, 27, 2059-2070.	1.9	22
279	Tetranuclear halide-alkoxide clusters of molybdenum formed by the coupling of M-M triple-bonded dinuclear compounds. Synthesis, characterization, and molecular structures of Mo4F2(O-iso-Pr)10, Mo4X3(O-iso-Pr)9, and Mo4X4(O-iso-Pr)8 (X = chloride, bromide, iodide). Inorganic Chemistry, 1988, 27, 2071-2084.	1.9	22
280	VielfÃltige Arten der Koordination von Allen in den Komplexen [W₂(OtBu)₆(C₃H₄)], [W₂(OtBu)₆(C₃H₄)(CO)₂] und [W₂(OtBu)₆(C₃H₄)₂]. Angewandte Chemie, 1989, 101, 1547-1548.	1.6	22
281	Origin of Different Coordination Polyhedra for Cu[CF3C(O)CHC(O)CF3]2L (L = H2O, NH3). Inorganic Chemistry, 1995, 34, 5314-5318.	1.9	22
282	Ring-Opening of Ïƒ-Thienyl and Ïƒ-Furyl Ligands at Ditungsten (Mâ‹®M) Centers. Journal of the American Chemical Society, 1997, 119, 1634-1647.	6.6	22
283	Thermal reactivities of isostructural d10 metalloenediynes: metal-dependent Bergman cyclization. Chemical Communications, 2001, , 167-168.	2.2	22
284	Carbene transposition involving double dehydrogenation of an sp3 carbon. Chemical Communications, 2001, , 1158-1159.	2.2	22
285	Hexadecamethoxy- and hexadecaethoxy-tetratungsten: preparation and X-ray crystal and molecular structure of W4(OEt)16. Journal of the Chemical Society Chemical Communications, 1981, , 270.	2.0	21
286	Stereoselective approach to acyclic systems via condensations of .alpha.-lithiosulfinyl carbanions and aldehydes. Journal of Organic Chemistry, 1981, 46, 4101-4103.	1.7	21
287	Reactions of metal-metal multiple bonds. 11. A comparison of the reactivity of M2(OR)6 (M.tplbond.M) and M2(OR)4(R'COCHCOR')2 (M.tplbond.M) compounds (M = Mo, W) with the .pi.-acid ligands CO, RC.tplbond.CR and RNC. Inorganic Chemistry, 1984, 23, 1037-1042.	1.9	21
288	Metal alkoxides - models for metal oxides. 11. Synthesis and properties of mixed alkyl/aryl/benzyl alkoxides of formula 1,2-W2R2(OR')4 and W2R(OR')5(M.tplbond.M). Organometallics, 1986, 5, 1599-1606.	1.1	21

#	Article	IF	Citations
289	Studies of stereochemical control using Î±-lithiosulfinyl carbanions. Tetrahedron, 1986, 42, 3003-3011.	1.0	21
290	Salicylate-Mediated Assembly of the Diserete Mixed-Valence Nonanuclear Manganese Complex[Mn9O4(O2CPh)8(sal)4(salH)2(py)4](salH2= salicylic acid, py= pyridine). Angewandte Chemie International Edition in English, 1987, 26, 915-916.	4.4	21
291	Metal alkoxides: models for metal oxidesâ€"XIII. NMR spectroscopic and theoretical investigations into the reduction of alkynes bonded to hexaalkoxides of dimolybdenum and ditungsten. Polyhedron, 1988, 7, 903-918.	1.0	21
292	A convenient synthesis of trialkylalkylidyne tungsten (6+) compounds and the X-ray crystal structure of (Me3CCH2)3Wî—¼CPh(py). Polyhedron, 1990, 9, 1271-1276.	1.0	21
293	Hexakis(tert-butyldimethylsiloxy)ditungsten and its reaction with ethyne. Hydrogen atom transfer reactions involving bridging ethynyl, ethyne, vinyl and ethylidyne ligands. Crystal structures of [W2(OSiButMe2)6], [W2(OSiButMe2)6(Âµ-C2H2)(C5H5N)] and [W2(OSiButMe2)5(Âµ-CCH)]. Journal of the Chemical Society Dalton Transactions, 1991, , 929-937.	1.1	21
294	Deoxygenation of oxovanadium(IV) complexes under mild conditions: Synthesis and structural characterization of cis- dihalobis(diakyldithiocarbamato)vanadium(IV). Polyhedron, 1991, 10, 1817-1825.	1.0	21
295	[K([18]crown-6)]+[Mo4(Î¼4-H)(OCH2tBu)12]â^', the First Alkoxidohydrido Cluster of Molybdenum, Evidence for a Rare, if not the First, Example of aÎ¼4-Hydride. Angewandte Chemie International Edition in English, 1994, 33, 191-193.	4.4	21
296	A Case of Câ^'H Activation (Ortho Metalation) Which Is Reversible at 25 Â°C. Organometallics, 1997, 16, 1974-1978.	1.1	21
297	Synthesis of a Metallaborane Complex Containing Pd(III) and the First Doubly Charge Compensated Ollide Ion. X-ray Crystal Structure of 1,4-Br2-1,2,5-(PMe2Ph)3-closo-1-PdB11H8. Inorganic Chemistry, 1998, 37, 6060-6064.	1.9	21
298	New d4dihydrides of Ru(iv) and Os(iv) with Ï€-donor ligands: M(H)2(chelate)(PiPr3)2with chelate = ortho-XYC6H4with X, Y = O, NR; R = H or CH3. New Journal of Chemistry, 2005, 29, 193-204.	1.4	21
299	Understanding the role of an easy-to-prepare aldimineâ€"alkyne carboamination catalyst, [Ti(NMe2)3(NHMe2)][B(C6F5)4]. Journal of Organometallic Chemistry, 2011, 696, 235-243.	0.8	21
300	Borohydride/ethanol reduction of RuCl3(PMe2Ph)3. Inorganica Chimica Acta, 1984, 89, 167-173.	1.2	20
301	Heterocycles. 10. A facile synthesis of 7â€hydroxyâ€6,7â€dihydroâ€5Hâ€pyrrolo[1,2â€a]imidazole. Journal of Heterocyclic Chemistry, 1987, 24, 561-563.	1.4	20
302	Synthesis and Structure of a Resonance Stabilized (Trimethylphosphonio)metallapropenide. Angewandte Chemie International Edition in English, 1988, 27, 587-589.	4.4	20
303	The tungsten-tungsten triple bondî—¸XVI. Bis(cyclopentadienyl)- and bis(indenyl)tetradimethylamidoditungsten (Wî—¼W). Polyhedron, 1988, 7, 1991-1999.	1.0	20
304	Encapsulated alkaline earth metallocenes. 3: Structural influences on phase transformations alkaline earth complexes. Advanced Materials for Optics and Electronics, 1994, 4, 1-8.	0.6	20
305	Palladium-mediated substitution of the closo-B12H12(â^'2) and nido-7,8-C2B9H12(â^'1) ions by PMe2Ph: The single-crystal structure studies of 1,7-(PMe2Ph)2-closo-B12H10 and 9-PMe2Ph-nido-7,8-C2B9H11. Polyhedron, 2007, 26, 3793-3798.	1.0	20
306	Molybdenum hexadimethylamide. Journal of the Chemical Society Chemical Communications, 1987, , 1423.	2.0	19

#	Article	IF	Citations
307	Reinvestigation of the condensation of 2â€hydrazinobenzothiazole with ethyl acetoacetate. Journal of Heterocyclic Chemistry, 1988, 25, 543-547.	1.4	19
308	Heterometallic species containing Cp2MH2 (Mî—»Mo and W) and Cu+ or Ag+ are inner sphere redox intermediates. Inorganica Chimica Acta, 1992, 198-200, 639-649.	1.2	19
309	Monoindenyl halides of zirconium and hafnium. The preparation of [(Î·5-C9H7)ZrCl3]n and [(Î·5-C9H7)HfCl2(Î¼-Cl)]2 and the crystal structure of [(Î·5-C9H7)HfCl2(Î¼-Cl)]2. Journal of Organometallic Chemistry, 1995, 489, C4-C6.	0.8	19
310	Nitro-substituted benzoates of dimolybdenum: the Mo24+ Î´ to ligand charge transfer band. Inorganica Chimica Acta, 1996, 243, 283-293.	1.2	19
311	Notable features in the molecular structure of W2(OCH2-t-Bu)6(NCNMe2)3: Three different modes of bonding for NCNMe2(2-) ligands. Polyhedron, 1984, 3, 1033-1035.	1.0	18
312	Bis(benzyl)- and bis(neopentyl)tetra(propionato)ditungsten (M .tplbond. M). Axial ligation and unprecedentedly short tungsten-tungsten distances for the RW .tplbond. WR unit. Journal of the American Chemical Society, 1984, 106, 5386-5388.	6.6	18
313	Triple bonds between molybdenum and tungsten atoms supported by thiolate ligands: (RS)3Mî—¼M(SR)3. Polyhedron, 1985, 4, 383-390.	1.0	18
314	The First Observation of the Equilibrium 2 M?M ? M4 (M = Transition Metal); Synthesis and Structure of Hexaisopropoxyditungsten and Its Dimer. Angewandte Chemie International Edition in English, 1986, 25, 1014-1015.	4.4	18
315	Bis[tris(dimethylphosphinomethyl)ethane]hydridochromium(1+) tetraethylborate(1-): the first synthesis of a cationic hydride complex from triethylborate(1-). Inorganic Chemistry, 1987, 26, 374-377.	1.9	18
316	Thermally stable allylzirconium halide compounds. Synthesis, crystal structure, and dynamics of (.eta.5-C5Me5)(.eta.3-1,2,3-trimethylallyl)ZrBr2 and (.eta.5-C5Me5)(.eta.3-1,1,2-trimethylallyl)ZrBr2. Organometallics, 1987, 6, 2141-2146.	1.1	18
317	Metal alkoxides. Models for metal oxides. 18. Structure, bonding and dynamic behavior of bis(.eta.2-ethylene)hexakis(neopentoxy)ditungsten. Studies of the reversible addition of carbon-carbon double bonds to a tungsten-tungsten triple bond. Journal of the American Chemical Society, 1992, 114, 8497-8509.	6.6	18
318	Dicarbonyl and Tricarbonyl Adducts of (W.tplbond.W)6+-Containing Complexes. Preparation and Structures of W2(OCMe2CF3)6(CO)2 and W2(OCMe(CF3)2)4(NMe2)2(CO)3. Organometallics, 1995, 14, 2318-2324.	1.1	18
319	Syntheses, crystal structures and properties of mononuclear chromium(III) and dinuclear vanadium(III) and copper(II) complexes with a bis-bipyridyl ligandâ€Šâ€. Journal of the Chemical Society Dalton Transactions, 1999, , 3399-3405.	1.1	18
320	Metal alkoxides - Models for metal oxides. 12. The first molecular carbido cluster of tungsten, W4(C)(NMe)(OCHMe2)12 and carbon-13 NMR spectroscopic evidence for a related oxo-carbido cluster, W4(C)(O)(OCHMe2)12, formed in the stepwise reductive cleavage of carbon monoxide by lower valent tungsten alkoxides. Organometallics, 1987, 6, 1280-1291.	1.1	17
321	Factors determining allyl hapticity in early-transition-metal allyl complexes: synthesis, structure, and dynamics of Cp2(.eta.3-1,2,3-trimethylallyl)ZrBr and Cp2(.eta.1-1,1,2-trimethylallyl)ZrBr. Organometallics, 1988, 7, 1183-1187.	1.1	17
322	Deoxygenation of oxovanadium(IV) complexes under mild conditions: conversion of vanadyl species to the corresponding dihalides with carboxylic acid halides. Polyhedron, 1993, 12, 407-414.	1.0	17
323	Zirconium compounds of hexamethyldisiloxane. Synthesis and structure of (.eta.5-C5H5)2Zr(CH2SiMe2OSiMe3)2 and (.eta.5-C5Me5)ZrCl2(.eta.2-CH2SiMe2OSiMe3) and their reactivity with methyl isocyanide. Organometallics, 1993, 12, 338-342.	1.1	17
324	Dihydrogen addition to (PiPr3) 2OsXnH4â^'n. Journal of Organometallic Chemistry, 1997, 536-537, 139-147.	0.8	17

#	Article	IF	Citations
325	Unsaturated Ru(0) Species with a Constrained Bis-Phosphine Ligand:â€‰ [Ru(CO)2(tBu2PCH2CH2PtBu2)]2. Comparison to [Ru(CO)2(PtBu2Me)2]. Inorganic Chemistry, 2000, 39, 3957-3962.	1.9	17
326	The remarkable role of steric factors in the reactions of alkynes (HCî€‡CH and MeCî€‡CMe)with ditungsten hexa-alkoxides: crystal and molecular structures of W2(OPri)6(py)2(Âµ-C2H2), W2(OCH2But)6(py)2(Âµ-C2Me2), and W2(OPri)6(Âµ-C4R4)(C2R2), where R = H and Me (py = pyridine). Journal of the Chemical Society Chemical Communications, 1983, , 589-591.	2.0	16
327	Preparation and structural characterisation of [NEt4]2[Mn2(SCH2CH2S)4], a stable manganese(III)â€“thiolate dimer. Journal of the Chemical Society Chemical Communications, 1983, , 558-560.	2.0	16
328	Hexakis(2,4,6-trimethylbenzenethiolato)dimolybdenum (Mo2(SC6H2Me3)6). The first example of a compound containing a molybdenum-molybdenum triple bond supported by six mercaptido ligands. Journal of the American Chemical Society, 1983, 105, 5924-5925.	6.6	16
329	Comparison of the relative .pi.-donor abilities of amido and phosphido ligands. 1,2-Bis(di-tert-butylphosphido)tetrakis(dimethylamido)dimolybdenum and -ditungsten: 1,2-M2(P(tert-Bu)2)2(NMe2)4(M.tplbond.M). Journal of the American Chemical Society, 1987, 109, 905-906.	6.6	16
330	Direct observation of ligand migration in the reversible addition of trimethylphosphine to 1,2-Mo2(CH2Ph)2(OPr-iso)4 and structural characterization of (Me3P)(PhCH2)2(iso-PrO)Mo.tplbond.Mo(OPr-iso)3 and 1,2-Mo2(CH2Ph)2(OPr-iso)4(dmpm), where dmpm = bis(dimethylphosphino)methane. Organometallics, 1992, 11, 4029-4036.	1.1	16
331	Two isomers of trichlorotris(dimethylphenylphosphine)tungsten and their potential for equilibration with W2Cl6(PMe2Ph)n. Inorganic Chemistry, 1993, 32, 4573-4577.	1.9	16
332	A quassinoid (peninsularinone) and a steroid from Castela peninsularis. Phytochemistry, 1994, 37, 1451-1454.	1.4	16
333	Influence of the Alkoxide Moiety on Heterometallic Compound Formation: Structure and Dynamics of KZr2(OtBu)9 and K2Zr2(OtBu)10. Inorganic Chemistry, 1994, 33, 6289-6292.	1.9	16
334	Reactions of W2(H)(OR)7, W2(OR)6(py)2 and W4(OCH2cC4H7)12 compounds (R = Pri, CH2But, cC5H9) with azobenzene, 1,2-diphenylhydrazine and 1,1-dimethylhydrazine. Polyhedron, 1997, 16, 2113-2133.	1.0	16
335	Silyl reagents (Me3Si-X) efficiently transfer X to Ir(H)2F(PtBuP2Ph)2. Inorganica Chimica Acta, 1998, 270, 261-272.	1.2	16
336	The tungsten-tungsten triple bond. 10. Ditungsten hexapivalate. Inorganic Chemistry, 1985, 24, 3214-3217.	1.9	15
337	Competitive carbon-carbon bond formation and cleavage and cluster formation in the reaction between 3-hexyne and hexaisopropoxyditungsten. Organometallics, 1986, 5, 2384-2386.	1.1	15
338	Mechanism of Ethylene Hydrogenation by the Molecular Hydrogen Complex [Ir(H)2(H2)(PMe2Ph)3]??Characterization of Intermediates. Angewandte Chemie International Edition in English, 1988, 27, 1165-1167.	4.4	15
339	Preparation and characterization of the heptachlorobis(tetrahydrofuran)ditungstate and octachloro(tetrahydrofuran)ditungstate anions: [Ph4P][W2Cl7(THF)2] and [Ph4P][W2Cl8(THF)]. Inorganic Chemistry, 1988, 27, 2950-2954.	1.9	15
340	Addition of 1,3-butadiene to a metal-metal triple bond. Preparation and structure of tungsten complex W2(OCH2-tert-Bu)6(py)(C4H6). Organometallics, 1991, 10, 3424-3425.	1.1	15
341	The tungsten-tungsten triple bondî—¸18. Bridging and terminal allyl ligands in complexes of the formula W2(R)2(NMe2)4, where R î—» C3H5 and C4H7. Polyhedron, 1992, 11, 3197-3210.	1.0	15
342	Alkoxide Attack on Coordinated Olefin Can Be Reversible. Organometallics, 1996, 15, 1856-1864.	1.1	15

#	Article	IF	Citations
343	Synthesis, Structure, and Redox Reactivity of a Substituted Niobocene Formaldehyde Complex. Importance of Hydrogen Bonding in the Redox Chemistry. Organometallics, 1996, 15, 1989-1999.	1.1	15
344	Synthesis, structural characterization and magnetic properties of mixed-valent bis-bipyridine manganese carboxylate clusters. Polyhedron, 2001, 20, 1269-1272.	1.0	15
345	The molybdenum-molybdenum triple bondâ€"XVII. Syntheses, spectroscopic and structural characterizations of Mo4F4(Oâ€"t-Bu)8 and Mo2F2(Oâ€"t-Bu)4(PMe3)2 (Moî—¼Mo). Polyhedron, 1985, 4, 1203-1211.	1.0	14
346	Tungsten-carbon, carbon-carbon and carbon-hydrogen bond activations in the chemistry of W2R2(OR')4(W.tplbond.W) complexes. 3. Competitive .alpha.-hydrogen versus .beta.-hydrogen eliminations and ethylene-to-acetylene hydrogen transfers. Organometallics, 1989, 8, 80-89.	1.1	14
347	Tungsten-carbon, carbon-hydrogen, and carbon-carbon bond activation in the chemistry of 1,2-W2R2(OR')4(W.tplbond.W) complexes. 2. Metal-carbon bond homolysis and competitive alkane and dihydrogen eliminations in double .alpha.-hydrogen activation processes. Organometallics, 1989, 8, 67-79.	1.1	14
348	The cyclometallation of 2,6-diphenylphenoxide (OAr-2,6Ph2) ligands at niobium(V) and tantalum(V) metal centres: The solid state structures of the monocyclometallated compounds Ta(OC6H3Ph-C6H4)(OAr-2,6Ph2)2(R) (R = CH3, n-C4H9) and Nb(OC6H3Ph-C6H4)(OAr-2,6Ph2)2(Cl). Polyhedron, 1990, 9, 1051-1058.	1.0	14
349	The first structurally characterised homoleptic thorium alkoxide: X-ray crystal structure of [Th(OCHPri2)4]2, and NMR evidence for a monomerâ€"dimer equilibrium. Journal of the Chemical Society Chemical Communications, 1992, , 266-268.	2.0	14
350	Pyridine, isocyanide, carbodiimide and allene adducts of hexakis (trifluoromethyl t-botoxy) ditungsten. A comparison of ligand binding to W2(OtBu)6 and W2(OCMe2CF3)6. Polyhedron, 1998, 17, 857-867.	1.0	14
351	Phosphines Functionalized with Crown Ether Groups:Â Synthesis and Study of Systems Incorporating 1,3-Xylyl-18-Crown-5 Units. Organometallics, 1998, 17, 1340-1346.	1.1	14
352	Tricyclization of an Epoxypolyene Utilizing Zeolites as Next-Generation Biomimetic Cyclization Promoters:â€‰ Evidence of Surface and Pore Selectivity in the Cyclization Process. Journal of Organic Chemistry, 1998, 63, 4459-4465.	1.7	14
353	Quassinoids from the twigs and thorns of Castela polyandra. Phytochemistry, 1999, 50, 637-645.	1.4	14
354	Characterization and structure of OsH(OH)(CO)(PtBu2Me)2. Polyhedron, 1999, 18, 2575-2578.	1.0	14
355	The synthesis and structure of nido-Me3NCB10H10PR derivatives. Journal of Organometallic Chemistry, 1978, 148, 7-15.	0.8	13
356	Hexaisopropoxybis(dimethylamino)dinitrosyldimolybdenum. Inorganic Chemistry, 1980, 19, 2762-2764.	1.9	13
357	Tris(N,N'-dimethylethylenediamido)dimolybdenum (M.tplbond.M). A metallopropellane with a near-eclipsed central molybdenum nitride (Mo2N6) moiety. Inorganic Chemistry, 1980, 19, 3175-3176.	1.9	13
358	Alkyne adducts of ditungsten hexaneopentoxide and alkylidyne-capped tritungsten compounds supported by neopentoxide ligands. Organometallics, 1986, 5, 2457-2465.	1.1	13
359	Synthesis and structure of hexabenzyl-dimolybdenum (Moî—¼Mo). Polyhedron, 1986, 5, 1191-1195.	1.0	13
360	A mixed halo / n-alkyl compound of chromium(III): synthesis, structure, and reactivity of Cr(n-Bu)2Cl[(Me2PCH2)3CMe]. Journal of Organometallic Chemistry, 1989, 376, 343-351.	0.8	13

#	Article	IF	Citations
361	Preparation and characterization of M2(SeArâ€²)6 and mixed ligand M2(OR)2(SeArâ€²)4 species (M = Mo, W). Polyhedron, 1990, 9, 2941-2952.	1.0	13
362	Cyclopentoxyditungsten compounds and crystal and molecular structures and dynamic solution behavior of W2(.mu.-H)(O-cyclo-C5H9)7(HNMe2). Inorganic Chemistry, 1991, 30, 3122-3125.	1.9	13
363	A heterometallic cluster with extreme hydride content: H24Cu6Re4(PPh3)82+. Inorganica Chimica Acta, 1992, 191, 31-34.	1.2	13
364	Alcoholysis of Titanium Alkoxides by Fluoroalcohols. Synthesis, Characterization and X-Ray Crystal Structure of [Ti (O-i-Pr)2{OCH(CF3)2}2]2. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 1993, 23, 479-491.	1.8	13
365	Tungsten-Carbon, Carbon-Carbon, and Carbon-Hydrogen Bond Activations in the Chemistry of 1,2-W2R2(OR')4 (W.tplbond.W) Complexes. 4. Phosphine- and Amine-Promoted Ligand Migrations and .alpha.-CH Activations in the Formation of Alkylidynehydridoditungsten Compounds. Organometallics, 1995, 14, 1855-1869.	1.1	13
366	Further studies of the reactions involving ethyne and M2(OBut)6, where M î—» Mo and W. Polyacetylene formation versus formation of ethyne adducts and Cî—¸C coupled products. Polyhedron, 1997, 16, 839-847.	1.0	13
367	Organometallic consequences of a redox reaction: Terminal trimethylsilylmethylidene titanium complexes prepared by a one-electron oxidation step. Journal of Organometallic Chemistry, 2007, 692, 3115-3120.	0.8	13
368	A new structure type for a 6-electron triangulo tungsten cluster: W3(.mu.3-CMe)(.mu.-O-iso-Pr)3(O-iso-Pr)6. Inorganic Chemistry, 1984, 23, 3683-3684.	1.9	12
369	Dioxododecaisopropoxytetratungsten. Oxygen atom abstraction from acetone in reactions with hexaisopropoxyditungsten (Wî€‡W). Journal of the Chemical Society Chemical Communications, 1984, , 1295-1296.	2.0	12
370	Unbridged and bridged isomers of W2(PCy2)2(NMe2)4: preparations, characterizations, and comments on thermodynamic and activation parameters for the closing of phosphido bridges in d3-d3 dinuclear compounds. Journal of the American Chemical Society, 1988, 110, 6563-6565.	6.6	12
371	Synthesis and characterization of paramagnetic trinickel-molybdenum and trinickel-tungsten clusters. Inorganic Chemistry, 1989, 28, 238-242.	1.9	12
372	Reduction of Î±,Î²-unsaturated ketones and aldehydes by tungstenâ€“tungsten triple bonds: formation of 1,2 and 1,4 adducts as opposed to Cî€†O cleavage. Journal of the Chemical Society Chemical Communications, 1991, , 847-849.	2.0	12
373	The preparation of the mixed alkali metal silanolate K4Li4(OSiMe3)x(OCMe3)8â^'x (8â©¾xâ©¾5.7) and the effects of mixed alkali metals on the anion induced ring opening polymerization of octamethylcyclotetrasiloxane. Inorganica Chimica Acta, 1996, 244, 185-190.	1.2	12
374	Stereochemical Activity of the Metal-Centered Lone Electron Pair in Group 14 Metallocenes. Crystal Structure of the Linear Sandwich Complex [C5(iPr)3H2]2Pb. Inorganic Chemistry, 2000, 39, 153-155.	1.9	12
375	Hydride transfer from transition metal hydrides to dihapto acyl ligands. Inorganica Chimica Acta, 1985, 96, 161-170.	1.2	11
376	Heterometallic Polyhydride Raft Formation: A Comparison of Syntheses using Alkoxides of Copper and Gold. Angewandte Chemie International Edition in English, 1987, 26, 135-137.	4.4	11
377	Cyclotantalation of 2,6-diphenylphenoxide; x-ray crystal structure of Ta(OC6H3PhC6H4)(OAr-2,6Ph2)2Me. Polyhedron, 1988, 7, 753-756.	1.0	11
378	Double bonds between molybdenum atoms supported by dimethylamido ligands: Mo2(NMe2)4(OR)4 compounds, where R î—» 4- methylcyclohexyl and diisopropylmethyl. Polyhedron, 1989, 8, 129-131.	1.0	11

#	Article	IF	Citations
379	How Do Two Cï£¿C Double Bonds Add to One Mï£¿M Triple Bond? Structure and Bonding in Bis(Î·2-ethylene)hexakis(neopentoxy)ditungsten. Angewandte Chemie International Edition in English, 1990, 29, 1026-1028.	4.4	11
380	A linear trinuclear chromium(III) complex with mixed thiolate/alkoxide ligation: Preparation and properties of (PPh4)2(Na)[Cr3(SCH2CH2O)6]. Polyhedron, 1991, 10, 2255-2263.	1.0	11
381	Two new structural types for d3-d3 dimers of molybdenum and tungsten: [K(18-crown-6)]+[Mo2(OCH2But)7]â^' and [W2{P(c-hexyl)2}3(OCH2But)3{HP(c-hexyl)2}]. Polyhedron, 1993, 12, 343-345.	1.0	11
382	Ene-yne couplings at a ditungsten center to give alkylidyne hydrido complexes supported by siloxide ligands. Organometallics, 1993, 12, 2677-2685.	1.1	11
383	Palladium-Assisted Cyano Substitution Reactions of (PMe2Ph)2Pd(B9H9As2) and (PMe2Ph)2Pd(B9C2H11). X-ray Crystal and Molecular Structures of 5-CN-1,1-(PMe2Ph)2-closo-1,2,3-PdAs2B9H8, 1-tBuNC-5-CN-1-(PMe2Ph)-closo-1,2,3-PdAs2B9H8, and 4,5-(CN)2-1,1-(PMe2Ph)2-closo-1,2,3-PdC2B9H9. Inorganic Chemistry, 1995, 34, 6430-6439.	1.9	11
384	Mo3[C(O)NMe2]6(CO)6(HNMe2)2. An unexpected product formed in the carbonylation of Mo(NMe2)4 displaying three distinct modes of carbamoyl molybdenum bonding. Organometallics, 1987, 6, 210-211.	1.1	10
385	Mo(NMe2)6Li2(THF)2. Polyhedron, 1988, 7, 399-400.	1.0	10
386	Twelve-electron tetranuclear tungsten alkoxide clusters are not tetrahedral. Preparation, structure and bonding in W4(O)(OPri)10 and W4(O)(Cl)(OPri)9. Comparisons with the bonding in carbonyl clusters. Polyhedron, 1990, 9, 1829-1841.	1.0	10
387	Synthesis and X-ray crystal structures of [Me2NH2]+[Al(OSiMe3)4]â^' and Al2(OSiMe3)6. Polyhedron, 1991, 10, 1367-1372.	1.0	10
388	Mo4(H)3(O-Bu-tert)7(HNMe2): a novel hydrido cluster of molybdenum. Journal of the American Chemical Society, 1993, 115, 9866-9867.	6.6	10
389	HYBRID PHOSPHINE-CROWN ETHER LIGANDS: THE STUDY OF BENZO-15-CROWN-5 AND N-PHENYLAZA-15-CROWN-5 AND -18-CROWN-6 FUNCTIONALIZED WITH Ph₂P-. Journal of Coordination Chemistry, 1995, 35, 359-370.	0.8	10
390	Reversible carbon-hydrogen bond oxidative addition across a Wâ€"W multiple bond. Journal of Organometallic Chemistry, 1997, 528, 221-223.	0.8	10
391	SYNTHESIS AND X-RAY CRYSTAL STRUCTURE OF A LEAD ARYL OXIDE DIMER,		

#	Article	IF	Citations
397	Triple bonds between molybdenum and tungsten atoms supported by selenolate ligands: M2(SeAr)6 and M2(OPri)2(SeAr)4(Ar = mesityl). Journal of the Chemical Society Chemical Communications, 1990, , 920.	2.0	9
398	The chemistry of transition metalâ€“germanium compounds. Part 2. Synthesis, characterization, structure and reactivity of transition-metal carbonyl-substituted germacyclopent-3-enes. Journal of the Chemical Society Dalton Transactions, 1991, , 2449-2457.	1.1	9
399	Reactions of MO2(O2CMe)4with amines and diamines: A structural and thermal study of stepwise acetate displacement and hydrogen bonding. Polyhedron, 1991, 10, 2573-2585.	1.0	9
400	Characterization of the Electrocrystallization Products of Bis(ethylenedithio)tetraselenafulvalene (BETS) and Tetrabutylammonium Tetrachlorogallate. Molecular Crystals and Liquid Crystals, 1996, 284, 73-84.	0.3	9
401	A heterometallic alkoxide combining hard and soft Lewis acids (Et3PO)2 Ba2Cu4(OtBu)8. Journal of Organometallic Chemistry, 1997, 536-537, 109-113.	0.8	9
402	Some studies of the substitution chemistry of [Rh2(OAc)2(CH3CN)4][BF4]2 with monodentate and bidentate tertiary phosphinesâ€Šâ€. Dalton Transactions RSC, 2000, , 1483-1489.	2.3	9
403	Dimolybdenum Bis((S,S,S)-triisopropanolaminate(3â¯)):â€‰A Blue Compound with an Unusual Moâ¯Mo Triple Bond. Inorganic Chemistry, 2000, 39, 3544-3550.	1.9	9
404	A High Nuclearity, Mixed-Valence Manganese(III,IV) Complex: [Mn21O24(OMe)8(O2CCH2tBu)16(H2O)10]. Angewandte Chemie, 2002, 114, 2616-2618.	1.6	9
405	Thioether coordinated metalloenediynes: Syntheses, structures and thermal reactivity comparison. Polyhedron, 2006, 25, 550-558.	1.0	9
406	Diastereoselective sulfur ylide promoted aldol/epoxidation. Tetrahedron Letters, 2006, 47, 7209-7212.	0.7	9
407	Oxidative addition of 1,4-diisopropyl-1,4-diazabutadiene to hexakisisopropoxydimolybdenum (Mî—¼M).		

#	Article	IF	Citations
415	4â€² DIPHENYLPHOSPHINO AND BROMO DERIVATIVES OF 10-PHENYL-1,4,7-TRITHIA-10-AZA-CYCLODODECANE 4-R-C₆H₄ <ovl>N(CH₂CH₂S)₂CH₂CH₂SCH₂C</ovl>H₂ Phosphorus, Sulfur and Silicon and the Related Elements, 1997, 122, 155-166.	0.8	7
416	Synthetic Studies on Quassinoids: Synthesis of (Â±)-Shinjudilactone and (Â±)-13-epi-Shinjudilactone. Journal of Organic Chemistry, 1998, 63, 9576-9579.	1.7	7
417	Synthesis and study of phosphines incorporating 2-cyanophenyl groups and the X-ray structure of tris(2-cyanophenyl)phosphine. Polyhedron, 1999, 18, 1603-1608.	1.0	7
418	Monoindenyl titanium alkyl halides. The synthesis and molecular structures of (Î·5-C9H7)TiBr3, (Î·5-C9H7)Ti(CH3)Br2, and (Î·5-C9H7)Ti(CH3)Cl2. Inorganica Chimica Acta, 1999, 292, 220-224.	1.2	7
419	Conventional Lithium Bases as Unconventional Sources of Methyl Anion:â€‰ Facile Meâ^'Si and Meâ^'C Bond Cleavage in RLi, R2NLi, and BR4- by an Electrophilic Osmium Dihydride. Organometallics, 2002, 21, 4030-4049.	1.1	7
420	Darstellung und Struktur von [Mo₄(OMe)₂(OiPr)₁₀]; warum dimerisiert [W₂(OiPr)₆], nicht aber [Mo₂(OiPr)₆]?. Angewandte Chemie, 1987, 99, 937-939.	1.6	6
421	Synthese und Struktur eines resonanzstabilisierten (Trimethylphosphonio)metallapropenids. Angewandte Chemie, 1988, 100, 585-587.	1.6	6
422	A single bond covalent radius for IrIII: Crystal and molecular structure of fac-Ir(CH3)3(PMe2Ph)3. Polyhedron, 1988, 7, 2171-2173.	1.0	6
423	Comments on the Molecular Structure and Bonding In [W4Cl(O)(OiPr)9] and [W4(O)(OiPr)10]. Analogies with Tetranuclear Carbonyl Clusters. Angewandte Chemie International Edition in English, 1989, 28, 1368-1370.	4.4	6
424	Common Molecules: Bringing Research and Teaching Together Through an Online Collection. Journal of Science Education and Technology, 2003, 12, 277-284.	2.4	6
425	Reinvestigation of a 5Hâ€dibenzo[d,h][1,3,6]triazonine synthesis. Journal of Heterocyclic Chemistry, 1989, 26, 1611-1617.	1.4	6
426	Heterobimetallic Carbon Monoxide Hydrogenation. ACS Symposium Series, 1981, , 35-51.	0.5	5
427	Synthesis and characterization of bis(neopentyl)-tetrakis(acetato)dimolybdenum. A notably short metal-metal distance for a d3-d3 dinuclear compound containing a M-M triple bond of valence molecular orbital configuration Ï€4 Î´2. Inorganica Chimica Acta, 1986, 116, L13-L14.	1.2	5
428	A reaction converting a w-w triple bond to a double bond: tetrakis-diethyldithiophosphate-disulfide-ditungsten, preparation and characterization. Polyhedron, 1987, 6, 1115-1123.	1.0	5
429	Anmerkungen zu MolekÃ¼lstruktur und BindungsverhÃltnissen in [W₄Cl(O)(OiPr)₉] und [W₄(O)(OiPr)₁₀]; Analogien mit vierkernigen Carbonylclustern. Angewandte Chemie, 1989, 101, 1399-1400.	1.6	5
430	Structural characterization of a tetranuclear tungsten carbide cluster formed by the reductive cleavage of carbon monoxide: W4(Î¼4-C)(OCH2-c-C5H9)14. Journal of Organometallic Chemistry, 1990, 394, c16-c20.	0.8	5
431	Wie addieren sich zwei Câ€Câ€Doppelbindungen an eine Mâ€Mâ€Dreifachbindung? Struktur und BindungsverhÃltnisse von Bis(Î·â€ethylen)hexakis(neopentoxy)diwolfram. Angewandte Chemie, 1990, 102, 1056-1057.	1.6	5
432	Cationic d3-d3 dinuclear compounds of tungsten: [W2(O2CBut)5]+Xâ^', where Xâ^'=BF4â^' and CF3SO3â^'. Inorganica Chimica Acta, 1993, 213, 141-146.	1.2	5

#	Article	IF	Citations
433	Preparation and Molecular Structure of the Unconventional Tantalum Chloride Complex [(Î·5-C9H7)2TaCl2][TaCl6]. Inorganic Chemistry, 1997, 36, 3379-3381.	1.9	5
434	d3â€“d3 Diolates of dimolybdenum and ditungsten. Polyhedron, 2000, 19, 375-380.	1.0	5
435	Synthesis and Properties of Phenyl Phosphines with Meta-Positioned Methyl Groups and the X-ray Structure of Tris(3,5-dimethyl-4-methoxyphenyl)phosphine. Organometallics, 2000, 19, 2047-2050.	1.1	5
436	Further Studies on the Substitutional Behavior of 1,2-Mo2Br2(CH2SiMe3)4. Alkyl, Amide, Phosphide, Alkoxide, and Thiolate for Bromide Exchange and Isomerizations of 1,1- and 1,2-Mo2X2(CH2SiMe3)4 Compounds. Organometallics, 2000, 19, 3916-3924.	1.1	5
437	Evaluation of energies of isomeric SO2 complexesElectronic supplementary information (ESI) available: DFT geometry optimized structures of isomeric RuCl(CO)(PMe3)2HSO2. See http://www.rsc.org/suppdata/nj/b2/b212025a/. New Journal of Chemistry, 2003, 27, 680-683.	1.4	5
438	Preparation and characterization of mixed amido-phosphido compounds of molybdenum(IV). A comparison of Ï€-donating ligands in Mo(NMe2)4, Mo(PCy2)4 and [Mo(NMe2)2(PPh2)2] based on X-ray studies. Polyhedron, 1989, 8, 1419-1423.	1.0	4
439	A diiron-ditungsten cluster supported by carbonyl and alkoxide ligands: Fe2W2(OPri)6(CO)5(py). Polyhedron, 1989, 8, 127-128.	1.0	4
440	Hafnium halide compounds of methyl substituted allyl ligands. Synthesis, crystal structure and dynamics of (Î·5-C5Me5)(Î·3-1,2,3-Me3allyl)HfBr2 and (Î·5-C5Me5)(Î·3-1,1,2-Me3allyl)HfBr2. Inorganica Chimica Acta, 1991, 187, 91-97.	1.2	4
441	Synthesis and crystal and molecular structure of Mo4O(OCH2But)10(py): A 12-electron butterfly cluster. Journal of Cluster Science, 1992, 3, 151-165.	1.7	4
442	Pyridinâ€‚â€thiolatokomplexe von V^{II}, V^{III} und V^{IV} mit ungewÃ¶hnlichen Strukturmerkmalen. Angewandte Chemie, 1992, 104, 1275-1277.	1.6	4
443	A tetranuclear tungsten carbido alkoxide cluster with a hydride ligand: W4(?-C)(NMe)(OCH2Bu t)11(H). Journal of Cluster Science, 1993, 4, 105-117.	1.7	4
444	An osmium hydrido methyl species via an unconventional methyl transfer. New Journal of Chemistry, 2000, 24, 649-650.	1.4	4
445	Extending the family of reduced [Mn12O12(O2CR)16(H2O)x]nâ' complexes, and their sensitivity to environmental factors. Polyhedron, 2021, 195, 114968.	1.0	4
446	Synthesis and structure of (PPh4)2Na[Cr3(SCH2CH2O)6] containing a linear chromium(III) trimer with terminal thiolate and bridging alkoxide linkages. Journal of the Chemical Society Chemical Communications, 1985, , 1781.	2.0	3
447	The first example of a d3â€“d3dinuclear compound containing four-co-ordinate metal atoms sharing a pair of bridging ligands: [(ButO)2W(Âµ-PPh2)]2. Journal of the Chemical Society Chemical Communications, 1987, , 845-847.	2.0	3
448	Structure, synthesis and characterization of chiral, phosphido-phosphine, diphosphine platinum(II) mono- and dimeric complexes: The molecular structure of both [PT2Cl3{(R*)-Î¼-iPrPCH2PiPr2}{(R*)-HiPrPCH2PiPr2}] and [PT2Cl3{(R*)-Î¼-iPrPCH2PiPR2}{(S*,S*)-Î¼-HiPrPCH2PiPrH}]. Polyhedron, 1989, 8, 2169-2177.	1.0	3
449	Non-quassinoid constituents from the twigs and thorns of Castela polyandra. Phytochemistry, 1999, 51, 575-578.	1.4	3
450	Octakis(trimethylsilylmethyl)dioxotetramolybdenum. A novel tetranuclear compound with two localized metalî—¸metal triple bonds. Journal of Organometallic Chemistry, 2000, 614-615, 238-242.	0.8	3

#	Article	IF	Citations
451	Synthesis and Study of Triphenylphosphines Functionalized at the 4-Positions through the Nitrogen Atoms in 1,4,7,10-Tetraoxa-13-azacyclopentadecane and the X-ray Structure of the Oxide of the Molecule Substituted at All Three Positions. Organometallics, 2001, 20, 963-967.	1.1	3
452	Synthesis, properties and solid state structure of 5-diphenylphosphino-2-hydroxy-1,3-xylyl-18-crown-5. Journal of Heterocyclic Chemistry, 2006, 43, 997-1001.	1.4	1