

Gerard Parkin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8102744/publications.pdf>

Version: 2024-02-01

259
papers

14,165
citations

19657

61
h-index

28297

105
g-index

267
all docs

267
docs citations

267
times ranked

8131
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Impact of the coordination of multiple Lewis acid functions on the electronic structure and configuration of a metal center. Dalton Transactions, 2022, 51, 411-427. | 3.3 | 5 |
| 2 | Synthesis and structural characterization of thallium and cadmium carbatrane compounds, [$\text{Tism}(\text{Pr}^i\text{Benz})\text{CdH}$]. Journal of the American Chemical Society, 2021, 143, 10553-10559. | 2.2 | 2 |
| 3 | Synthesis of bis(2-pyridylthio)methyl zinc hydride and catalytic hydrosilylation and hydroboration of CO_2 . Chemical Communications, 2022, 58, 4188-4191. | 4.1 | 11 |
| 4 | Catalytic reduction of carbon dioxide by a zinc hydride compound, $[\text{Tptm}]\text{ZnH}$, and conversion to the methanol level. Dalton Transactions, 2022, 51, 5868-5877. | 3.3 | 4 |
| 5 | Hydrosilylation of CO_2 using a silatrane hydride: structural characterization of a silyl formate compound. Canadian Journal of Chemistry, 2021, 99, 259-267. | 1.1 | 7 |
| 6 | Structure and Bonding of 1,2,4-Triazole Thiones Derived from Nitron. Journal of Molecular Structure, 2021, 1231, 129682. | 3.6 | 2 |
| 7 | Synthesis, Structure, and Reactivity of a Terminal Cadmium Hydride Compound, $[\text{I}^{\text{Pr}}\text{Tism}(\text{Pr}^i\text{Benz})\text{CdH}]$. Journal of the American Chemical Society, 2021, 143, 10553-10559. | 13.7 | 12 |
| 8 | N-Heterocyclic Carbene Complexes of Nickel, Palladium, and Iridium Derived from Nitron: Synthesis, Structures, and Catalytic Properties. Organometallics, 2021, 40, 166-183. | 2.3 | 15 |
| 9 | Rhenium versus cadmium: an alternative structure for a thermally stable cadmium carbonyl compound. Chemical Science, 2020, 11, 11763-11776. | 7.4 | 8 |
| 10 | Synthesis and structural characterization of bis(2-pyridylthio)(p-tolylthio)methyl zinc complexes and the catalytic hydrosilylation of CO_2 . Polyhedron, 2020, 187, 114542. | 2.2 | 14 |
| 11 | Representation of Three-Center Two-Electron Bonds in Covalent Molecules with Bridging Hydrogen Atoms. Journal of Chemical Education, 2019, 96, 2467-2475. | 2.3 | 11 |
| 12 | Selective Conversion of Carbon Dioxide to Formaldehyde via a Bis(silyl)acetal: Incorporation of Isotopically Labeled C1 Moieties Derived from Carbon Dioxide into Organic Molecules. Journal of the American Chemical Society, 2019, 141, 17754-17762. | 13.7 | 68 |
| 13 | Reactivity of the carbodiphosphorane, $(\text{Ph}_3\text{P})_2\text{C}$, towards main group metal alkyl compounds: coordination and cyclometalation. Dalton Transactions, 2019, 48, 9139-9151. | 3.3 | 11 |
| 14 | Reactivity of MgMe towards secondary amines and terminal alkynes: Catalytic dehydrocoupling with hydrosilanes. Inorganica Chimica Acta, 2019, 494, 271-279. | 2.4 | 2 |
| 15 | Coordination of 1-methyl-1,3-dihydro-2H-benzimidazole-2-selone to zinc and cadmium: Monotonic and non-monotonic bond length variations for $[\text{H}(\text{sebenzimMe})]_2\text{MCl}_2$ complexes ($\text{M} = \text{Zn, Cd, Hg}$). Polyhedron, 2019, 164, 185-194. | 2.2 | 3 |
| 16 | Organometallic Zirconium Compounds in an Oxygen-Rich Coordination Environment: Synthesis and Structural Characterization of Tris(oxoimidazolyl)hydroboratozirconium Compounds. Inorganic Chemistry, 2018, 57, 1426-1437. | 4.0 | 5 |
| 17 | Zerovalent Nickel Compounds Supported by 1,2-Bis(diphenylphosphino)benzene: Synthesis, Structures, and Catalytic Properties. Inorganic Chemistry, 2018, 57, 374-391. | 4.0 | 20 |
| 18 | Synthesis and Structural Characterization of Tris(isopropylbenzimidazol-2-ylthio)methyl Zinc Complexes, $[\text{Tism}(\text{Pr}^i\text{Benz})\text{ZnX}]$: Modulation of Transannular Zn \cdots C Interactions. Organometallics, 2018, 37, 1708-1718. | 2.3 | 20 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Insertion of CS ₂ into the Mg–H bond: synthesis and structural characterization of the magnesium dithioformate complex, [Tm ^{sup} PriBenz ^{sup}] ₂ Mg(S ₂ CH). Dalton Transactions, 2018, 47, 12596-12605. | 3.3 | 8 |
| 20 | Reactivity of Cyclopentadienyl Molybdenum Compounds towards Formic Acid: Structural Characterization of CpMo(PMe ₃)(CO) ₂ H, CpMo(PMe ₃) ₂ (CO)H, [CpMo(½-O)(½-O ₂ CH)] ₂ , and [Cp*Mo(½-O)(½-O ₂ CH)] ₂ . Inorganic Chemistry, 2017, 56, 1511-1523. | 4.0 | 8 |
| 21 | Flexibility of the Carbodiphosphorane, (Ph ₃ P) ₂ C: Structural Characterization of a Linear Form. Inorganic Chemistry, 2017, 56, 5493-5497. | 4.0 | 24 |
| 22 | Tris[(1-isopropylbenzimidazol-2-yl)dimethylsilyl]methyl metal complexes, [Tm ^{sup} PriBenz ^{sup}] ₃ M: a new class of metallacarbatranes, isomerization to a tris(N-heterocyclic carbene) derivative, and evidence for an inverted ligand field. Chemical Science, 2017, 8, 4465-4474. | 7.4 | 27 |
| 23 | Tris(2-mercaptoimidazolyl)hydroborato Cadmium Thiolate Complexes, [Tm ^{sup} Bu ^{sup} t ^{sup}] ₃ CdSAr: Thiolate Exchange at Cadmium in a Sulfur-Rich Coordination Environment. Inorganic Chemistry, 2017, 56, 4643-4653. | 4.0 | 11 |
| 24 | Synthesis, Structure, and Reactivity of a Terminal Magnesium Hydride Compound with a Carbatrane Motif, [Tm ^{sup} Pr ^{sup} i ^{sup} Benz ^{sup}] ₃ MgH: A Multifunctional Catalyst for Hydrosilylation and Hydroboration. Journal of the American Chemical Society, 2017, 139, 13264-13267. | 13.7 | 107 |
| 25 | Zinc and Magnesium Catalysts for the Hydrosilylation of Carbon Dioxide. Journal of the American Chemical Society, 2017, 139, 18162-18165. | 13.7 | 128 |
| 26 | Bis- and Tris(2-oxobenzimidazolyl)hydroborato Complexes of Sodium and Thallium: New Classes of Bidentate and Tridentate Oxygen Donor Ligands. Inorganic Chemistry, 2017, 56, 15271-15284. | 4.0 | 8 |
| 27 | Synthesis and structural characterization of tris(pyrazolyl)hydroaluminate and tris(pyrazolyl)hydrogallate lithium compounds. Polyhedron, 2017, 125, 219-229. | 2.2 | 14 |
| 28 | Molecular structures of tris(1- <i>tert</i> -butyl-2-mercaptoimidazolyl)hydroborate complexes of titanium, zirconium and hafnium. Acta Crystallographica Section C, Structural Chemistry, 2016, 72, 806-812. | 0.5 | 3 |
| 29 | The classification and representation of main group element compounds that feature three-center four-electron interactions. Dalton Transactions, 2016, 45, 18784-18795. | 3.3 | 37 |
| 30 | Cadmium Compounds with an [N ₃ C] Atrane Motif: Evidence for the Generation of a Cadmium Hydride Species. Inorganic Chemistry, 2016, 55, 12105-12109. | 4.0 | 16 |
| 31 | Modulation of Zn–C Bond Lengths Induced by Ligand Architecture in Zinc Carbatrane Compounds. Journal of the American Chemical Society, 2016, 138, 14542-14545. | 13.7 | 23 |
| 32 | Structural characterization of the nickel(II) formate complex, Ni(py) ₄ (O ₂ CH) ₂ ·2py, and re-evaluation of the nitrate counterpart, Ni(py) ₄ (ONO ₂) ₂ ·2py: Evidence for non-linear nitrate coordination. Polyhedron, 2016, 116, 189-196. | 2.2 | 10 |
| 33 | Nickel-catalyzed release of H ₂ from formic acid and a new method for the synthesis of zerovalent Ni(PMe ₃) ₄ . Dalton Transactions, 2016, 45, 14645-14650. | 3.3 | 40 |
| 34 | Synthesis of a terminal zinc hydride compound, [$\text{ZnH}(\text{PMe}_3)_3$], from a hydroxide derivative, [$\text{Zn}(\text{PMe}_3)_3\text{OH}$]. Polyhedron, 2016, 103, 135-140. | 2.2 | 10 |
| 35 | Synthesis, structure and reactivity of a terminal magnesium fluoride compound, [TpBut ₂ Me]MgF: hydrogen bonding, halogen bonding and C–F bond formation. Chemical Science, 2016, 7, 142-149. | 7.4 | 25 |
| 36 | The Covalent Bond Classification Method and Its Application to Compounds That Feature 3-Center 2-Electron Bonds. Structure and Bonding, 2016, , 79-139. | 1.0 | 15 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 37 | Phenylselenolate mercury alkyl compounds, PhSeHgMe and PhSeHgEt: Molecular structures, protolytic Hgâ€C bond cleavage and phenylselenolate exchange. Polyhedron, 2016, 103, 307-314. | 2.2 | 6 |
| 38 | Synthesis, structure and reactivity of [Tm ^{sup} But ^{sup}]ZnH, a monomeric terminal zinc hydride compound in a sulfur-rich coordination environment: access to a heterobimetallic compound. Chemical Communications, 2016, 52, 2358-2361. | 4.1 | 20 |
| 39 | Influence of benzannulation on metal coordination geometries: Synthesis and structural characterization of tris(2-mercapto-1-methylbenzimidazolyl)hydroborato cadmium bromide, {[TmMeBenz]Cd(Î¼ ⁴ -Br)} ₂ . Journal of Molecular Structure, 2015, 1081, 530-535. | 3.6 | 7 |
| 40 | Dehydrogenation, disproportionation and transfer hydrogenation reactions of formic acid catalyzed by molybdenum hydride compounds. Chemical Science, 2015, 6, 1859-1865. | 7.4 | 80 |
| 41 | Synthesis and Structures of Cadmium Carboxylate and Thiocarboxylate Compounds with a Sulfur-Rich Coordination Environment: Carboxylate Exchange Kinetics Involving Tris(2-mercapto-1- <i>i</i> -t- <i>i</i> -butylimidazolyl)hydroborato Cadmium Complexes, [Tm ^{sup} Bu ^{sup} t ^{sup}] ₃ Cd(O ₂ CR). Inorganic Chemistry, 2015, 54, 3835-3850. | 4.0 | 20 |
| 42 | Protolytic Cleavage of Hgâ€C Bonds Induced by 1-Methyl-1,3-dihydro-2 <i>H</i> -benzimidazole-2-selone: Synthesis and Structural Characterization of Mercury Complexes. Journal of the American Chemical Society, 2015, 137, 4503-4516. | 13.7 | 33 |
| 43 | Exchange of alkyl and tris(2-mercapto-1- <i>t</i> -butylimidazolyl)hydroborato ligands between zinc, cadmium and mercury. Journal of Organometallic Chemistry, 2015, 792, 177-183. | 1.8 | 5 |
| 44 | Hydrosilylation of Aldehydes and Ketones Catalyzed by a Terminal Zinc Hydride Complex, [I ^{sup} 3-Tptm]ZnH. Organometallics, 2015, 34, 4717-4731. | 2.3 | 54 |
| 45 | Oxidative addition of SiH ₄ and GeH ₄ to Ir(PPh ₃) ₃ (CO)Cl: structural and spectroscopic evidence for the formation of products derived from cis oxidative addition. Dalton Transactions, 2015, 44, 2801-2808. | 3.3 | 2 |
| 46 | Application of the Covalent Bond Classification Method for the Teaching of Inorganic Chemistry. Journal of Chemical Education, 2014, 91, 807-816. | 2.3 | 152 |
| 47 | Benzannulated tris(2-mercapto-1-imidazolyl)hydroborato ligands: tetradentate Î ⁴ -S ₃ H binding and access to monomeric monovalent thallium in an [S ₃] coordination environment. Dalton Transactions, 2014, 43, 1397-1407. | 3.3 | 17 |
| 48 | Molecular structures of tris(2-mercapto-1- <i>tert</i> -butylimidazolyl)hydroborato and tris(2-mercapto-1-adamantylimidazolyl)hydroborato sodium complexes: analysis of [TmR] ligand coordination modes and conformations. Dalton Transactions, 2014, 43, 10852. | 3.3 | 19 |
| 49 | Synthesis and structural characterization of tris(2-mercapto-1-methylbenzimidazolyl)hydroborato cadmium halide complexes, {[Tm ^{sup} MeBenz] ₃ Cd(Î¼ ⁴ -Cl)} ₂ and [Tm ^{sup} MeBenz] ₃ CdI: a rare example of cadmium in a trigonal bipyramidal sulfur-rich coordination environment. Dalton Transactions, 2014, 43, 13874. | 3.3 | 21 |
| 50 | Synthesis and structural characterization of 1-arylimidazole-2-thiones and N,Nâ€2-aryldiethoxyethylthioureas with electronically diverse substituents: a manifold of hydrogen bonding networks. New Journal of Chemistry, 2014, 38, 4071. | 2.8 | 6 |
| 51 | Molecular structure of W(PMe ₃) ₃ H ₆ in the solid state and in solution. Inorganica Chimica Acta, 2014, 422, 102-108. | 2.4 | 2 |
| 52 | Reduction of bicarbonate and carbonate to formate in molecular zinc complexes. Catalysis Science and Technology, 2014, 4, 1578. | 4.1 | 25 |
| 53 | Trinuclear, tetranuclear and octanuclear chalcogenido clusters of molybdenum and tungsten supported by trimethylphosphine ligands. Polyhedron, 2014, 84, 74-86. | 2.2 | 7 |
| 54 | Siâ€H and Siâ€C Bond Cleavage Reactions of Silane and Phenylsilanes with Mo(PMe ₃) ₆ : Silyl, Hypervalent Silyl, Silane, and Disilane Complexes. Journal of the American Chemical Society, 2014, 136, 8177-8180. | 13.7 | 22 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 55 | Synthesis and Structural Characterization of Bis(2-oxoimidazolyl)hydroborato Complexes: A New Class of Bidentate Oxygen-Donor Ligands. <i>Inorganic Chemistry</i> , 2013, 52, 10226-10228. | 4.0 | 6 |
| 56 | The Synthesis and Structures of Tris(2-pyridylseleno)methyl Zinc Compounds with η^2 -, η^3 -, and η^4 -Coordination Modes. <i>Australian Journal of Chemistry</i> , 2013, 66, 1306. | 0.9 | 21 |
| 57 | Structural characterization of tris(pyrazolyl)hydroborato and tris(2-pyridylthio)methyl lithium compounds: Lithium in uncommon trigonal pyramidal and trigonal monopyramidal coordination environments. <i>Polyhedron</i> , 2013, 58, 235-246. | 2.2 | 21 |
| 58 | Synthesis, Structure, and Reactivity of a Terminal Organozinc Fluoride Compound: Hydrogen Bonding, Halogen Bonding, and Donor–Acceptor Interactions. <i>Journal of the American Chemical Society</i> , 2013, 135, 18714-18717. | 13.7 | 37 |
| 59 | Synthesis and structural characterization of tris(2-pyridonyl)methyl complexes of zinc and thallium: a new class of metallacarbatranes and a monovalent thallium alkyl compound. <i>Dalton Transactions</i> , 2013, 42, 14053. | 3.3 | 13 |
| 60 | 2-Seleno-1-alkylbenzimidazoles and their diselenides: Synthesis and structural characterization of a 2-seleno-1-methylbenzimidazole complex of mercury. <i>Polyhedron</i> , 2013, 52, 658-668. | 2.2 | 22 |
| 61 | Synthesis and structural characterization of bis and tris(2-mercapto-1-methylbenzimidazolyl)hydroborato complexes: benzannulation promotes η^3 -coordination. <i>Dalton Transactions</i> , 2013, 42, 11117. | 3.3 | 17 |
| 62 | Structural Characterization of 2-Imidazolones: Comparison with their Heavier Chalcogen Counterparts. <i>Inorganic Chemistry</i> , 2013, 52, 7172-7182. | 4.0 | 40 |
| 63 | Gallium hydride and monovalent indium compounds that feature tris(pyrazolyl)hydroborate ligands. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2013, 69, 963-967. | 0.4 | 11 |
| 64 | Highly Variable $Zr\text{--}CH_2\text{--}Ph$ Bond Angles in Tetrabenzylzirconium: Analysis of Benzyl Ligand Coordination Modes. <i>Organometallics</i> , 2012, 31, 8208-8217. | 2.3 | 39 |
| 65 | A New Class of Transition Metal Pincer Ligand: Tantalum Complexes that Feature a [CCC] X_3 -Donor Array Derived from a Terphenyl Ligand. <i>Journal of the American Chemical Society</i> , 2012, 134, 2355-2366. | 13.7 | 41 |
| 66 | Zinc Catalysts for On-Demand Hydrogen Generation and Carbon Dioxide Functionalization. <i>Journal of the American Chemical Society</i> , 2012, 134, 17462-17465. | 13.7 | 227 |
| 67 | The occurrence and representation of three-centre two-electron bonds in covalent inorganic compounds. <i>Chemical Communications</i> , 2012, 48, 11481. | 4.1 | 245 |
| 68 | Structural characterization of zinc bicarbonate compounds relevant to the mechanism of action of carbonic anhydrase. <i>Chemical Science</i> , 2012, 3, 2015. | 7.4 | 58 |
| 69 | Low temperature NMR spectroscopic investigation of a zinc bicarbonate compound: Thermodynamics of bicarbonate formation by insertion of CO_2 into the zinc hydroxide bond of $[ZnOH]$. <i>Polyhedron</i> , 2012, 32, 41-48. | 2.2 | 20 |
| 70 | Carbon–Sulfur Bond Cleavage and Hydrodesulfurization of Thiophenes by Tungsten. <i>Journal of the American Chemical Society</i> , 2011, 133, 3748-3751. | 13.7 | 52 |
| 71 | Synthesis and structural characterization of tris(2-oxo-1-tert-butylimidazolyl) and tris(2-oxo-1-methylbenzimidazolyl)hydroborato complexes: a new class of tripodal oxygen donor ligand. <i>Chemical Communications</i> , 2011, 47, 3123. | 4.1 | 29 |
| 72 | Synthesis and Structural Characterization of Tris(2-mercapto-1-adamantylimidazolyl)hydroborato Complexes: A Sterically Demanding Tripodal [S_3] Donor Ligand. <i>Inorganic Chemistry</i> , 2011, 50, 12284-12295. | 4.0 | 28 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 73 | Formation of a cationic alkylidene complex via formal hydride abstraction: synthesis and structural characterization of $[W(PMe_3)_4(\eta^2\text{-CHPMe}_2)H]X$ ($X = Br, I$). <i>Chemical Communications</i> , 2011, 47, 12828. | 4.1 | 12 |
| 74 | Synthesis, Structure, and Reactivity of a Mononuclear Organozinc Hydride Complex: Facile Insertion of CO_2 into a $Zn-H$ Bond and CO_2 -Promoted Displacement of Siloxide Ligands. <i>Journal of the American Chemical Society</i> , 2011, 133, 9708-9711. | 13.7 | 113 |
| 75 | Modeling aspects of hydrodesulfurization by molybdenum hydride compounds: Desulfurization of thiophene and benzothiophene and $C-S$ bond cleavage of dibenzothiophene. <i>Inorganica Chimica Acta</i> , 2011, 369, 197-202. | 2.4 | 19 |
| 76 | Catenated Gallium Compounds Supported by a Tris(pyrazolyl)hydroborato Ligand. <i>Journal of Cluster Science</i> , 2010, 21, 225-234. | 3.3 | 23 |
| 77 | Molecular structures of three coordinate zinc and cadmium complexes that feature η^2 -diketiminato and anilido-imine ligands. <i>Polyhedron</i> , 2010, 29, 1881-1890. | 2.2 | 28 |
| 78 | Tris(2-mercapto-1-tert-butylimidazolyl)hydroborato gallium derivatives: synthesis of di- and trigallium compounds in a sulfur-rich coordination environment. <i>Chemical Science</i> , 2010, 1, 210. | 7.4 | 26 |
| 79 | On the Chalcogenophilicity of Mercury: Evidence for a Strong $Hg-Se$ Bond in $[Tm^{\sup}Bu^{\sup}t^{\sup}]HgSePh$ and Its Relevance to the Toxicity of Mercury. <i>Journal of the American Chemical Society</i> , 2010, 132, 647-655. | 13.7 | 80 |
| 80 | Metal-Metal Bonding in Bridging Hydride and Alkyl Compounds. <i>Structure and Bonding</i> , 2010, , 113-145. | 1.0 | 24 |
| 81 | Bis(2-mercapto-1-R-imidazolyl)hydroborato complexes of aluminium, gallium, indium and thallium: compounds possessing gallium-gallium bonds and a trivalent thallium alkyl. <i>Dalton Transactions</i> , 2010, 39, 6939. | 3.3 | 13 |
| 82 | 2-Mercapto-1-t-butylimidazolyl as a bridging ligand: Synthesis and structural characterization of nickel and palladium paddlewheel complexes. <i>Inorganica Chimica Acta</i> , 2009, 362, 4609-4615. | 2.4 | 23 |
| 83 | Temperature-Dependent Transitions Between Normal and Inverse Isotope Effects Pertaining to the Interaction of $H^{\sup}H$ and $C^{\sup}H$ Bonds with Transition Metal Centers. <i>Accounts of Chemical Research</i> , 2009, 42, 315-325. | 15.6 | 120 |
| 84 | Synthesis, Structure, and Reactivity of Two-Coordinate Mercury Alkyl Compounds with Sulfur Ligands: Relevance to Mercury Detoxification. <i>Inorganic Chemistry</i> , 2009, 48, 6763-6772. | 4.0 | 47 |
| 85 | Multiple Modes for Coordination of Phenazine to Molybdenum: Ring Fusion Promotes Access to η^4 -Coordination, Oxidative Addition of Dihydrogen and Hydrogenation of Aromatic Nitrogen Compounds. <i>Journal of the American Chemical Society</i> , 2009, 131, 7828-7838. | 13.7 | 28 |
| 86 | p-tert-Butyltetra-thiatetramercaptocalix[4]arene as a sulfur-rich platform for molybdenum, tungsten and nickel. <i>Chemical Communications</i> , 2009, , 289-291. | 4.1 | 15 |
| 87 | Molecular structures of protonated and mercurated derivatives of thimerosal. <i>Dalton Transactions</i> , 2009, , 4327. | 3.3 | 8 |
| 88 | Coordination chemistry of molybdenum relevant to hydrodenitrogenation: Reactivity of $Mo(PMe_3)_6$ towards 6-membered heterocyclic aromatic nitrogen compounds involving $C-H$ bond cleavage and η^6 -coordination. <i>Inorganica Chimica Acta</i> , 2008, 361, 3221-3229. | 2.4 | 13 |
| 89 | Reactivity of the $Ni-B$ dative σ -bond in the nickel boratrane compounds $[\eta^4\text{-B(mimBut)}_3]NiX$ ($X = Cl, OAc$). <i>Journal of the American Chemical Society</i> , 2008, 130, 10784-10791. | 4.1 | 117 |
| 90 | Monovalent indium in a sulfur-rich coordination environment: synthesis, structure and reactivity of tris(2-mercapto-1-tert-butylimidazolyl)hydroborato indium, $[TmBut]In$. <i>Chemical Communications</i> , 2008, , 3305. | 4.1 | 30 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 91 | Mononuclear and Dinuclear Molybdenum and Tungsten Complexes of <i>p</i> -tert-Butyltetrathiacalix[4]arene and <i>p</i> -tert-Butyltetrasulfonylcalix[4]arene: Facile Cleavage of the Calixarene Ligand Framework by Nickel. <i>Journal of the American Chemical Society</i> , 2008, 130, 8617-8619. | 13.7 | 32 |
| 92 | Reactivity of Mo(PMe ₃) ₆ towards Benzothiophene and Selenophenes: New Pathways Relevant to Hydrodesulfurization. <i>Journal of the American Chemical Society</i> , 2008, 130, 16187-16189. | 13.7 | 34 |
| 93 | Molecular Structures of Thimerosal (Merthiolate) and Other Arylthiolate Mercury Alkyl Compounds. <i>Inorganic Chemistry</i> , 2008, 47, 6421-6426. | 4.0 | 35 |
| 94 | Tetrahedral nickel nitrosyl complexes with tripodal [N3] and [Se3] donor ancillary ligands: structural and computational evidence that a linear nitrosyl is a trivalent ligand. <i>Dalton Transactions</i> , 2007, , 820. | 3.3 | 72 |
| 95 | Applications of tripodal [S3] and [Se3] L2X donor ligands to zinc, cadmium and mercury chemistry: organometallic and bioinorganic perspectives. <i>New Journal of Chemistry</i> , 2007, 31, 1996. | 2.8 | 73 |
| 96 | Bis- and tris(2-seleno-1-methylimidazolyl)hydroborato complexes, {[BseMe]ZnX} ₂ (X = Cl, I), [BseMe] ₂ Zn and [TseMe]Re(CO) ₃ : Structural evidence that the [BseMe] ligand is not merely a "heavier" version of the sulfur counterpart, [BmMe]. <i>Dalton Transactions</i> , 2007, , 866-870. | 3.3 | 32 |
| 97 | Agostic interactions in transition metal compounds. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 6908-6914. | 7.1 | 965 |
| 98 | Factors Influencing Coordination versus Oxidative Addition of C-H Bonds to Molybdenum and Tungsten: A Structural and Spectroscopic Evidence That the Calixarene Framework Promotes C-H Bond Activation. <i>Organometallics</i> , 2007, 26, 3275-3278. | 2.3 | 10 |
| 99 | Cleaving Mercury-Alkyl Bonds: A Functional Model for Mercury Detoxification by <i>MerB</i> . <i>Science</i> , 2007, 317, 225-227. | 12.6 | 107 |
| 100 | Terminal Chalcogenido Complexes of the Transition Metals. <i>Progress in Inorganic Chemistry</i> , 2007, , 1-165. | 3.0 | 31 |
| 101 | Applications of deuterium isotope effects for probing aspects of reactions involving oxidative addition and reductive elimination of H-C and C-H bonds. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2007, 50, 1088-1114. | 1.0 | 44 |
| 102 | exo and endo Isomerism of subvalent tin and germanium complexes derived from 1,3-diethers of <i>p</i> -tert-butylcalix[4]arene. <i>Tetrahedron</i> , 2007, 63, 10826-10833. | 1.9 | 25 |
| 103 | Synthesis and structural characterization of tris(phenolate)amine complexes of antimony derived from. <i>Inorganic Chemistry Communication</i> , 2007, 10, 699-704. | 3.9 | 11 |
| 104 | Synthesis and structural characterization of [BseMe]Ni(PPh ₃)(NO), a nickel complex with a bent nitrosyl ligand. <i>Polyhedron</i> , 2007, 26, 4751-4757. | 2.2 | 36 |
| 105 | Applications of Bis(1-R-imidazol-2-yl)disulfides and Diselenides as Ligands for Main-Group and Transition Metals: ¹⁹ N-(N,N) Coordination, S-S Bond Cleavage, and S/S/E-E (E = S, Se) Bond Metathesis Reactions. <i>Inorganic Chemistry</i> , 2007, 46, 9234-9244. | 4.0 | 25 |
| 106 | Methyl and arylchalcogenolate complexes of cadmium in a sulfur rich coordination environment: syntheses and structural characterization of the tris(2-mercapto-1-tert-butylimidazolyl)hydroborato cadmium complexes [TmBut]CdMe, and [TmBut]CdEAr (E = O, S, Se, Te) and analysis of the bonding in chalcogenolate compounds. <i>Dalton Transactions</i> , 2006, , 4207. | 3.3 | 22 |
| 107 | A normal equilibrium isotope effect for oxidative addition of H ₂ to (1,6-anthracene)Mo(PMe ₃) ₃ . <i>Chemical Communications</i> , 2006, , 2501-2503. | 4.1 | 12 |
| 108 | Palladium complexes with Pd-B dative bonds: Analysis of the bonding in the palladaboratrane compound [t ⁴ -B(mimBut) ₃]Pd(PMe ₃). <i>Chemical Communications</i> , 2006, , 5015-5017. | 4.1 | 118 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 109 | Synthesis and structural characterization of tris(2-seleno-1-mesitylimidazolyl) hydroborato complexes: A new type of strongly electron donating tripodal selenium ligand. <i>Chemical Communications</i> , 2006, , 3990. | 4.1 | 66 |
| 110 | Valence, Oxidation Number, and Formal Charge: Three Related but Fundamentally Different Concepts. <i>Journal of Chemical Education</i> , 2006, 83, 791. | 2.3 | 145 |
| 111 | Synthesis and Structural Characterization of 1-Mesityl-1,3-dihydro-imidazole-2-selone and Bis(1-mesitylimidazol-2-yl)diselenide: A Experimental Evidence That the Selone Is More Stable Than the Selenol Tautomer. <i>Journal of the American Chemical Society</i> , 2006, 128, 12490-12497. | 13.7 | 64 |
| 112 | Cp[TmMe]ZrCl ₂ , a Tris(2-mercapto-1-methylimidazolyl)hydroborato Complex of Zirconium and a New Type of Precatalyst for Olefin Polymerization. <i>Organometallics</i> , 2006, 25, 5496-5499. | 2.3 | 28 |
| 113 | Reactivity of the Metal- η^5 -BX ₃ Dative σ -Bond: 1,2-Addition Reactions of the Fe- η^5 -BX ₃ Moiety of the Ferraboratrane Complex [η^4 -B(mimBut) ₃]Fe(CO) ₂ . <i>Inorganic Chemistry</i> , 2006, 45, 7056-7058. | 4.0 | 188 |
| 114 | Oxidative Addition of Dihydrogen to (η^6 -Arene)Mo(PMe ₃) ₃ Complexes: Origin of the Naphthalene and Anthracene Effects. <i>Journal of the American Chemical Society</i> , 2006, 128, 5452-5461. | 13.7 | 55 |
| 115 | Synthesis and Structural Characterization of [η^3 -B,S,S-B(mimR) ₃]Ir(CO)(PPh ₃)H (R = But, Ph) and [η^4 -B(mimBut) ₃]M(PPh ₃)Cl (M = Rh, Ir): A Analysis of the Bonding in Metal Borane Compounds. <i>Inorganic Chemistry</i> , 2006, 45, 2588-2597. | 4.0 | 132 |
| 116 | p-tert-Butylcalix[4]arene Complexes of Molybdenum and Tungsten: A Reactivity of the Calixarene Methylene CH Bond and the Facile Migration of the Metal around the Phenolic Rim of the Calixarene. <i>Journal of the American Chemical Society</i> , 2006, 128, 16358-16364. | 13.7 | 41 |
| 117 | C-H versus O-H Bond Cleavage Reactions of Bis(2-hydroxyphenyl)phenylamine, PhN(o-C ₆ H ₄ OH) ₂ : A Synthesis and Structural Characterization of Mononuclear and Dinuclear Tungsten Aryloxide Complexes Which Exhibit Bidentate, Tridentate, and Tetradentate Coordination Modes. <i>Organometallics</i> , 2006, 25, 5839-5842. | 2.3 | 3 |
| 118 | A Simple Description of the Bonding in Transition-Metal Borane Complexes. <i>Organometallics</i> , 2006, 25, 4744-4747. | 2.3 | 234 |
| 119 | Hydride, halide, methyl, carbonyl, and chalcogenido derivatives of permethylmolybdenocene. <i>Inorganica Chimica Acta</i> , 2006, 359, 2942-2955. | 2.4 | 23 |
| 120 | Carbon-hydrogen versus carbon-chalcogen bond cleavage of furan, thiophene and selenophene by ansa molybdenocene complexes. <i>Polyhedron</i> , 2006, 25, 499-512. | 2.2 | 26 |
| 121 | Thiolate exchange in [TmR]ZnSR ⁻² complexes and relevance to the mechanisms of thiolate alkylation reactions involving zinc enzymes and proteins. <i>Journal of Inorganic Biochemistry</i> , 2006, 100, 1147-1154. | 3.5 | 32 |
| 122 | Polyhedron Symposia-in-Print, number 27. <i>Polyhedron</i> , 2005, 24, 1233. | 2.2 | 1 |
| 123 | Zinc-Zinc Bonds: A New Frontier. <i>ChemInform</i> , 2005, 36, no. | 0.0 | 0 |
| 124 | Synthesis and structural analysis of Bis(2-hydroxyphenyl) phenylamine, PhN(o-C ₆ H ₄ OH) ₂ : Comparison with Tris(2-hydroxyphenyl)amine N(o-C ₆ H ₄ OH) ₃ . <i>Journal of Chemical Crystallography</i> , 2005, 35, 969-981. | 1.1 | 7 |
| 125 | Chiral Ansa-Zirconocene Compounds with [Me ₂ Si] and [Me ₄ Si ₂] Bridges and with tert-Butyl Ring Substituents: A Synthesis and Structural Characterization of the Racemic Complexes rac-[Me ₂ Si(C ₅ H ₂ -2,4-But ₂) ₂]ZrCl ₂ and rac-[Me ₄ Si ₂ (C ₅ H ₂ -2,4-But ₂) ₂]ZrCl ₂ . <i>Organometallics</i> , 2005, 24, 603-611. | 2.3 | 8 |
| 126 | Intramolecular N-H...S Hydrogen Bonding in the Zinc Thiolate Complex [TmPh]ZnSCH ₂ C(O)NHPh: A Mechanistic Investigation of Thiolate Alkylation as Probed by Kinetics Studies and by Kinetic Isotope Effects. <i>Journal of the American Chemical Society</i> , 2005, 127, 14039-14050. | 13.7 | 81 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 127 | Multidentate aryloxide and oxo-aryloxide complexes of antimony: synthesis and structural characterization of $[\{\text{I}^{\text{I}}\text{-N}(\text{o-C}_6\text{H}_4\text{O})_3\}\text{Sb}(\text{OSMe}_2)_2]$, $\{[\{\text{I}^{\text{I}}\text{-N}(\text{o-C}_6\text{H}_4\text{OH})(\text{o-C}_6\text{H}_4\text{O})_2\}\text{Sb}\}_2(\text{A}\mu_2\text{-O})\}$ and $\{[\{\text{I}^{\text{I}}\text{-3-PhN}(\text{o-C}_6\text{H}_4\text{O})_2\}\text{Sb}\}_4(\text{A}\mu_3\text{-O})_2$. Dalton Transactions, 2005, , 2442. | 3.3 | 17 |
| 128 | Synthesis and Structural Characterization of $\text{M}(\text{PMe}_3)_3(\text{O}_2\text{CR})_2(\text{OH}_2)\text{H}_2$ ($\text{M} = \text{Mo}, \text{W}$): Aqueous Hydride Complexes of Molybdenum and Tungsten. Inorganic Chemistry, 2005, 44, 9637-9639. | 4.0 | 17 |
| 129 | Reexamination of Lead(II) Coordination Preferences in Sulfur-Rich Sites: Implications for a Critical Mechanism of Lead Poisoning. Journal of the American Chemical Society, 2005, 127, 9495-9505. | 13.7 | 211 |
| 130 | N-H...O hydrogen bonding interactions in tetrahedral $[\text{ZnS}_4]$ complexes of relevance to zinc enzymes: the synthesis, structures and reactivity of tris(2-mercapto-1-arylimidazolyl)hydroborato zinc(2-mercapto-1-arylimidazole) complexes, $\{[\text{TmAr}]\text{Zn}(\text{mimAr})\}[\text{ClO}_4]$ ($\text{Ar} = \text{Ph}, \text{p-Tol}$). Polyhedron, 2004, 23, 481-488. | 2.2 | 34 |
| 131 | Theoretical investigation of the metal-metal interaction in dimolybdenum complexes with bridging hydride and methyl ligands. Polyhedron, 2004, 23, 2879-2900. | 2.2 | 51 |
| 132 | Methyl, hydrochalcogenido, and phenylchalcogenolate complexes of zinc in a sulfur rich coordination environment: syntheses and structural characterization of the tris(2-mercapto-1-tert-butylimidazolyl)hydroboratozinc complexes $[\text{TmBut}]\text{ZnMe}$, $[\text{TmBut}]\text{ZnEH}$ ($\text{E} = \text{S}, \text{Tj}$) $\text{ETQqO} \text{O} \text{O} \text{rgBT} / \text{Overlock} 10$ | 4.1 | 42 |
| 133 | Molybdenocene Trihydride Complexes: Influence of a $[\text{Me}_2\text{Si}]$ Ansa Bridge on Classical versus Nonclassical Nature, Stability with Respect to Elimination of Dihydrogen, and Acidity. Journal of the American Chemical Society, 2004, 126, 13054-13070. | 13.7 | 36 |
| 134 | The molecular structure of the tris(2-mercapto-1-tolylimidazolyl)hydroborato zinc(2-mercapto-1-tolylimidazole) complex, $\{[\text{Tmp-Tol}]\text{Zn}(\text{mimp-Tol})\}[\text{ClO}_4]$: intermolecular N-H...OClO ₃ versus intramolecular N-H...S hydrogen bonding interactions of the mercaptoimidazole ligand. Dalton Transactions, 2004, , 3448-3452. | 3.3 | 27 |
| 135 | CHEMISTRY: Zinc-Zinc Bonds: A New Frontier. Science, 2004, 305, 1117-1118. | 12.6 | 73 |
| 136 | Synthetic Analogues Relevant to the Structure and Function of Zinc Enzymes. Chemical Reviews, 2004, 104, 699-768. | 47.7 | 871 |
| 137 | Kinetic and Equilibrium Deuterium Isotope Effects for C-H Bond Reductive Elimination and Oxidative Addition Reactions Involving the Ansa-Tungstenocene Methyl-Hydride Complex $[\text{Me}_2\text{Si}(\text{C}_5\text{Me}_4)_2]\text{W}(\text{Me})\text{H}$. ACS Symposium Series, 2004, , 86-104. | 0.5 | 3 |
| 138 | Title is missing!. Journal of Chemical Crystallography, 2003, 33, 297-302. | 1.1 | 3 |
| 139 | Synthesis and structure of $[\text{pzBu}_2\text{t}]\text{Mo}(\text{PMe}_3)_4\text{H}$, a d ⁴ molybdenum complex that exhibits I^{I} -2-coordination of the 3,5-di- <i>t</i> -butylpyrazolyl ligand. Polyhedron, 2003, 22, 199-203. | 2.2 | 13 |
| 140 | Tantalum Amido and Imido Complexes Supported by Tris[(2-indolyl)methyl]amine, a Tetradentate Trianionic Ligand with Reduced I^{I} -Donor Character. Inorganic Chemistry, 2003, 42, 264-266. | 4.0 | 30 |
| 141 | Temperature-Dependent Transitions between Normal and Inverse Equilibrium Isotope Effects for Coordination and Oxidative Addition of C-H and H-H Bonds to a Transition Metal Center. Journal of the American Chemical Society, 2003, 125, 6889-6891. | 13.7 | 28 |
| 142 | Deuterium and Tritium Equilibrium Isotope Effects for Coordination and Oxidative Addition of Dihydrogen to $[\text{W}(\text{CO})_5]$ and for the Interconversion of $\text{W}(\text{CO})_5(\text{I}^{\text{I}}\text{-H}_2)$ and $\text{W}(\text{CO})_5\text{H}_2$. Organometallics, 2003, 22, 4378-4380. | 2.3 | 22 |
| 143 | Experimental Evidence for a Temperature Dependent Transition between Normal and Inverse Equilibrium Isotope Effects for Oxidative Addition of H_2 to $\text{Ir}(\text{PMe}_2\text{Ph})_2(\text{CO})\text{Cl}$. Journal of the American Chemical Society, 2003, 125, 13219-13224. | 13.7 | 32 |
| 144 | Normal and Inverse Primary Kinetic Deuterium Isotope Effects for C-H Bond Reductive Elimination and Oxidative Addition Reactions of Molybdenocene and Tungstenocene Complexes: Evidence for Benzene I^{I} -Complex Intermediates. Journal of the American Chemical Society, 2003, 125, 1403-1420. | 13.7 | 138 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 145 | Computational evidence that the inverse kinetic isotope effect for reductive elimination of methane from a tungstenocene methylhydride complex is associated with the inverse equilibrium isotope effect for formation of a η^5 -complex intermediate. <i>Chemical Communications</i> , 2003, , 22-23. | 4.1 | 22 |
| 146 | Thiophene and Butadiene- η^5 -Thiolate Complexes of Molybdenum: Observations Relevant to the Mechanism of Hydrodesulfurization. <i>Journal of the American Chemical Society</i> , 2002, 124, 4182-4183. | 13.7 | 56 |
| 147 | Reactivity of the B-H Bond in Tris(pyrazolyl)hydroborato Zinc Complexes: An Unexpected Example of Zinc Hydride Formation in a Protic Solvent and Its Relevance towards Hydrogen Transfer to NAD+ Mimics by Tris(pyrazolyl)hydroborato Zinc Complexes in Alcoholic Media. <i>Inorganic Chemistry</i> , 2002, 41, 625-627. | 4.0 | 31 |
| 148 | Synthesis and Structures of Zirconium- η^5 -Pyrrolyl Complexes: A Computational Analysis of the Factors That Influence the Coordination Modes of Pyrrolyl Ligands. <i>Organometallics</i> , 2002, 21, 587-589. | 2.3 | 52 |
| 149 | Kinetic and Thermodynamic Preferences for the Diastereoselective Oxidative Addition of H ₂ to trans-Ir(P [*] R ³) ₂ (CO)Cl: Monodentate Chiral Phosphines May Impart Exceptional Degrees of Diastereoselectivity. <i>Journal of the American Chemical Society</i> , 2002, 124, 7652-7653. | 13.7 | 13 |
| 150 | The Electronic Influence of Ring Substituents and Ansa Bridges in Zirconocene Complexes as Probed by Infrared Spectroscopic, Electrochemical, and Computational Studies. <i>Journal of the American Chemical Society</i> , 2002, 124, 9525-9546. | 13.7 | 168 |
| 151 | The Reactivity of Mo(PMe ₃) ₆ towards Heterocyclic Nitrogen Compounds: Transformations Relevant to Hydrodenitrogenation. <i>Journal of the American Chemical Society</i> , 2002, 124, 13658-13659. | 13.7 | 75 |
| 152 | A non-classical hydrogen bond in the molybdenum arene complex $[\eta^6\text{-C}_6\text{H}_5\text{C}_6\text{H}_3(\text{Ph})\text{OH}]\text{Mo}(\text{PMe}_3)_3$: evidence that hydrogen bonding facilitates oxidative addition of the O-H bond. <i>Chemical Communications</i> , 2002, , 2644-2645. | 4.1 | 16 |
| 153 | Carbonyl abstraction reactions of Cp [*] Mo(PMe ₃) ₃ H with CO ₂ , (CH ₂ O) _n , HCO ₂ H, and MeOH: the synthesis of Cp [*] Mo(PMe ₃) ₂ (CO)H and the catalytic decarboxylation of formic acid. <i>Journal of Organometallic Chemistry</i> , 2002, 642, 9-15. | 1.8 | 58 |
| 154 | The syntheses and structures of coordinatively unsaturated aryloxy-hydride complexes of molybdenum, Mo(PMe ₃) ₄ (OAr)H: reversible C-H bond activation and comparison with their tungsten analogues. <i>Journal of Organometallic Chemistry</i> , 2002, 652, 37-49. | 1.8 | 10 |
| 155 | Title is missing!. <i>Journal of Chemical Crystallography</i> , 2002, 32, 185-190. | 1.1 | 2 |
| 156 | Title is missing!. <i>Journal of Chemical Crystallography</i> , 2002, 32, 469-475. | 1.1 | 8 |
| 157 | Synthesis and Structural Characterization of PhP[(C ₅ Me ₄) ₂], a Monodentate Chiral Phosphine Derived from Intramolecular C-C Coupling of Tetramethylcyclopentadienyl Groups: An Evaluation of Steric and Electronic Properties. <i>Inorganic Chemistry</i> , 2001, 40, 5626-5635. | 4.0 | 13 |
| 158 | The syntheses, structures and reactivity of bis(tert-butylcyclopentadienyl)molybdenum derivatives: nitrogen alkylation of an η^2 -acetonitrile ligand and influence of the chalcogen on the barrier to inversion of chalcogenoether adducts. <i>Dalton Transactions RSC</i> , 2001, , 1732-1753. | 2.3 | 53 |
| 159 | Bis(permethylindenyl) Complexes of Thorium: Synthesis, Structure, and Reactivity. <i>Organometallics</i> , 2001, 20, 3255-3264. | 2.3 | 49 |
| 160 | An Experimental and Computational Analysis of the Formation of the Terminal Nitrido Complex ($\eta^3\text{-Cp}^*$) ₂ Mo(N)(N ₃) by Elimination of N ₂ from Cp [*] ₂ Mo(N ₃) ₂ : The Barrier to Elimination Is Strongly Influenced by the exo vs endo Configuration of the Azide Ligand. <i>Journal of the American Chemical Society</i> , 2001, 123, 10111-10112. | 13.7 | 21 |
| 161 | Tris(mercaptoimidazolyl)hydroborato complexes of cobalt and iron, [TmPh] ₂ M (M=Fe, Co): structural comparisons with their tris(pyrazolyl)hydroborato counterparts. <i>Polyhedron</i> , 2001, 20, 1891-1896. | 2.2 | 47 |
| 162 | A zinc hydroxide complex of relevance to 5-aminolevulinic acid dehydratase: The synthesis, structure and reactivity of the tris(2-mercapto-1-phenylimidazolyl)hydroborato complex [TmPh] ₃ ZnOH. <i>Inorganic Chemistry Communication</i> , 2001, 4, 126-129. | 3.9 | 44 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 163 | Syntheses and crystal structures of [BpBut,Me]ZnX, [BpBut,Pri]ZnX (X=Me, I) and {[BpBut,Me]Cd(η^4 -I)} ₂ : mononuclear versus dinuclear bis(pyrazolyl)hydroborato zinc and cadmium complexes. <i>Polyhedron</i> , 2001, 20, 285-289. | 2.2 | 13 |
| 164 | The synthesis and molecular structure of [TmPh] ₂ Pb: a complex with an η^4 -inverted η^4 -4-coordination mode for the tris(2-mercapto-1-phenylimidazolyl)hydroborato ligand. <i>Inorganic Chemistry Communication</i> , 2000, 3, 534-536. | 3.9 | 45 |
| 165 | Reactivity of Mo(PMe ₃) ₅ H ₂ towards catecholborane: synthesis and structure of Mo(PMe ₃) ₄ (η^2 -H ₂ BCat)H. <i>Polyhedron</i> , 2000, 19, 1063-1066. | 2.2 | 9 |
| 166 | The synthesis and structural characterization of bis(mercaptoimidazolyl)hydroborato complexes of lithium, thallium and zinc. <i>Dalton Transactions RSC</i> , 2000, , 891-897. | 2.3 | 100 |
| 167 | Modeling Aspects of Hydrodesulfurization at Molybdenum: A Carbon-Sulfur Bond Cleavage of Thiophenes by Ansa-Molybdenocene Complexes. <i>Journal of the American Chemical Society</i> , 2000, 122, 178-179. | 13.7 | 67 |
| 168 | The bioinorganic chemistry of zinc: synthetic analogues of zinc enzymes that feature tripodal ligands. <i>Chemical Communications</i> , 2000, , 1971-1985. | 4.1 | 217 |
| 169 | Aqua, Alcohol, and Acetonitrile Adducts of Tris(perfluorophenyl)borane: A Evaluation of Brønsted Acidity and Ligand Lability with Experimental and Computational Methods. <i>Journal of the American Chemical Society</i> , 2000, 122, 10581-10590. | 13.7 | 235 |
| 170 | Synthesis and molecular structures of a pair of tris(imidazolyl)phosphine cobalt-perchlorate complexes, {[PimPri ₂]Co(OCIO ₃)}[ClO ₄] and {[PimPri ₂]Co(OH ₂)(HOMe)(OCIO ₃)}[ClO ₄]. <i>Dalton Transactions RSC</i> , 2000, , 2191-2194. | 2.3 | 19 |
| 171 | Influence of a [Me ₂ Si] ansa bridge on the barrier to rotation about the Zr-phenyl bond and on the generation and reactivity of benzyne intermediates: comparison of the structures and reactivity of [Me ₂ Si(C ₅ Me ₄) ₂]Zr(Ph)X and Cp* ₂ Zr(Ph)X (X=...=H, Cl, Ph). <i>Dalton Transactions RSC</i> , 2000, , 4490-4493. | 2.3 | 26 |
| 172 | A zinc thiolate species which mimics aspects of the chemistry of the Ada repair protein and matrix metalloproteinases: the synthesis, structure and reactivity of the tris(2-mercapto-1-phenylimidazolyl)hydroborato complex [TmPh]ZnSPH. <i>Dalton Transactions RSC</i> , 2000, , 4494-4496. | 2.3 | 69 |
| 173 | Structural Studies of the [Tris(imidazolyl)phosphine]metal Nitrate Complexes {[PimPri,But]M(NO ₃)} ₂ (M = Co, Cu, Zn, Cd, Hg): A Comparison of Nitrate-Binding Modes in Synthetic Analogues of Carbonic Anhydrase. <i>Inorganic Chemistry</i> , 2000, 39, 967-974. | 4.0 | 69 |
| 174 | Factors Influencing the Thermodynamics of Zinc Alkoxide Formation by Alcoholysis of the Terminal Hydroxide Complex, [TpBut,Me]ZnOH: A An Experimental and Theoretical Study Relevant to the Mechanism of Action of Liver Alcohol Dehydrogenase. <i>Journal of the American Chemical Society</i> , 2000, 122, 12651-12658. | 13.7 | 43 |
| 175 | The synthesis and structural characterization of bis(mercaptoimidazolyl)(pyrazolyl)hydroborato and tris(mercaptoimidazolyl)hydroborato complexes of thallium(I) and thallium(III). <i>Dalton Transactions RSC</i> , 2000, , 1267-1274. | 2.3 | 59 |
| 176 | Cationic Ansa-Zirconocene and Hafnocene Derivatives of a Monoanionic Phosphonium-Bridged Bis(permethylcyclopentadienyl) Ligand: A Synthesis and Structural Characterization of {[Me ₂ P(C ₅ Me ₄) ₂]MCl ₂ } ⁺ (M = Zr, Hf) and {[Me ₂ P(C ₅ Me ₄) ₂]ZrMe ₂ } ⁺ . <i>Organometallics</i> , 2000, 19, 5155-5159. | 2.3 | 19 |
| 177 | Bis(mercaptoimidazolyl)(pyrazolyl)hydroborato Complexes of Zinc, Cadmium, and Cobalt: A Structural Evidence for the Enhanced Tendency of Zinc in Biological Systems to Adopt Tetrahedral M[S ₄] Coordination. <i>Inorganic Chemistry</i> , 2000, 39, 4240-4243. | 4.0 | 73 |
| 178 | Lead Poisoning and the Inactivation of 5-Aminolevulinatase Dehydratase as Modeled by the Tris(2-mercapto-1-phenylimidazolyl)hydroborato Lead Complex, {[TmPh]Pb}[ClO ₄]. <i>Journal of the American Chemical Society</i> , 2000, 122, 7140-7141. | 13.7 | 121 |
| 179 | Syntheses of [BpBut,Me]AlMe ₂ and [BpBut,Me]GaMe ₂ : structural comparison of a pair of bis(pyrazolyl)hydroborato aluminum and gallium methyl complexes. <i>Polyhedron</i> , 1999, 18, 3567-3571. | 2.2 | 13 |
| 180 | Phosphorus-Bridged ansa-Metallocene Complexes of Titanium, Zirconium, and Hafnium: The Syntheses and Structures of [PhP(C ₅ Me ₄) ₂]MX ₂ and [Ph(E)P(C ₅ Me ₄) ₂]MX ₂ (E = O, S, Se) Derivatives. <i>Organometallics</i> , 1999, 18, 6-9. | 2.3 | 42 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 181 | Protonation of the Hydroxide Ligand in a Synthetic Analogue of Carbonic Anhydrase, [TpBut,Me]ZnOH:Â Inhibition of Reactivity Towards CO ₂ . Journal of the American Chemical Society, 1999, 121, 6322-6323. | 13.7 | 70 |
| 182 | Mononuclear tris(2-mercapto-1-arylimidazolyl)hydroborato complexes of zinc, [TmAr]ZnX: structural evidence that a sulfur rich coordination environment promotes the formation of a tetrahedral alcohol complex in a synthetic analogue of LADH. Chemical Communications, 1999, , 2301-2302. | 4.1 | 75 |
| 183 | Phenyl tris(3-tert-butylpyrazolyl)borato complexes of lithium and thallium, [PhTpBut]M (M=...=Li, Tl): a novel structure for a monomeric tris(pyrazolyl)boratothallium complex and a study of its stereochemical nonrigidity by 1H and 205Tl NMR spectroscopy. Journal of the Chemical Society Dalton Transactions, 1999, , 1929-1936. | 1.1 | 43 |
| 184 | Modeling the Catalytic Cycle of Liver Alcohol Dehydrogenase:Â Synthesis and Structural Characterization of a Four-Coordinate Zinc Ethoxide Complex and Determination of Relative ZnÂ~OR versus ZnÂ~OH Bond Energies. Inorganic Chemistry, 1999, 38, 422-423. | 4.0 | 64 |
| 185 | Mechanistic and Theoretical Analysis of the Oxidative Addition of H ₂ to Six-Coordinate Molybdenum and Tungsten Complexes M(PMe ₃) ₄ X ₂ (M = Mo, W; X = F, Cl, Br, I):Â An Inverse Equilibrium Isotope Effect and an Unprecedented Halide Dependence. Journal of the American Chemical Society, 1999, 121, 11402-11417. | 13.7 | 62 |
| 186 | TheAnsaEffect in Permethylmolybdenocene Chemistry:Â A [Me ₂ Si]AnsaBridge Promotes Intermolecular Câ~H and Câ~C Bond Activation. Organometallics, 1999, 18, 2403-2406. | 2.3 | 134 |
| 187 | Synthesis and Molecular Structure of Bis(pyrazolyl)hydroborato Thallium {[Bp]Tl} ₂ :Â A [BpRRâ€™]Tl Complex with an Unbridged Close TlIÂ~Â~TlIContact. Inorganic Chemistry, 1999, 38, 5464-5467. | 4.0 | 35 |
| 188 | Modeling the active sites of bacteriophage T7 lysozyme, bovine 5-aminolevulinate dehydratase, and peptide deformylase: synthesis and structural characterization of a bis(pyrazolyl)(thioalkoxy)hydroborato zinc complex, [(Ph ₂ CHS)BpBut,Pri]ZnI. Chemical Communications, 1998, , 413-414. | 4.1 | 39 |
| 189 | Subvalent germanium and tin complexes supported by a dianionic calixarene ligand: structural characterization of exo and endo isomers of [Butcalix(TMS) ₂]Ge. Chemical Communications, 1998, , 101-102. | 4.1 | 34 |
| 190 | Synthesis and structural characterization of [TpBut ₂]GaS: a terminal gallium sulfido complex in a system for which the indium counterpart is a tetrasulfido derivative, [TpBut ₂]In(I ₂ -S ₄). Journal of the Chemical Society Dalton Transactions, 1998, , 2279-2280. | 1.1 | 26 |
| 191 | Phosphorusâ€“carbon bond activation of PMe ₃ at a dimolybdenum center: synthesis and structure of [Cp*Mo(I ^{1/4} -O ₂ CMe)] ₂ (I ^{1/4} -PMe ₂)(I ^{1/4} -Me). Chemical Communications, 1998, , 1273-1274. | 4.1 | 25 |
| 192 | Incorrect atom connectivity in X-ray structure solutions associated with a "â€“partial polar ambiguityâ€™": a non-macrocyclic structure for the macrocyclic lead complex, [I ^{1/4} -Me ₈ taa]Pb. New Journal of Chemistry, 1998, 22, 523-530. | 2.8 | 19 |
| 193 | Mimicking the binding of glutamate to zinc in thermolysin and carboxypeptidase: the synthesis of [I ^{1/3} -(HCO ₂)BpBut,Pri]ZnCl by insertion of CO ₂ into a Bâ€“H bond of the bis(pyrazolyl)hydroborato zinc complex [BpBut,Pri]ZnCl. Journal of the Chemical Society Dalton Transactions, 1998, , 2281-2284. | 1.1 | 34 |
| 194 | Fluoro Complexes of Permethyltantlocene, Cp* ₂ TaF ₃ and [Cp* ₂ TaF ₂][BF ₄]:Â Facile Formation of a Tetrafluoroborate Complex via Corrosion of Borosilicate Glass. Organometallics, 1998, 17, 5689-5696. | 2.3 | 19 |
| 195 | Synthesis and Structural Characterization of {[Me ₂ Si(C ₅ Me ₄) ₂]Zr(I ^{1/2} -C ₂ H ₄)H} ₂ Mg:Â An ansa-Zirconocene Ethyleneâ~Hydride Complex. Journal of the American Chemical Society, 1998, 120, 5830-5831. | 13.7 | 20 |
| 196 | Chemical Shift Anisotropy as a Mechanism for Modulating ApparentJTI-HandJTI-CCoupling Constants in Tris(pyrazolyl)hydroborato Thallium Complexes. Journal of the American Chemical Society, 1998, 120, 10416-10422. | 13.7 | 28 |
| 197 | False Minima in X-ray Structure Solutions Associated with a â€“Partial Polar Ambiguityâ€“Â Single Crystal X-ray and Neutron Diffraction Studies on the Eight-Coordinate Tungsten Hydride Complexes, W(PMe ₃) ₄ H ₂ X ₂ (X = F, Cl, Br, I) and W(PMe ₃) ₄ H ₂ F(FHF). Journal of the American Chemical Society, 1998, 120, 4372-4387. | 13.7 | 52 |
| 198 | Asymmetric bis(pyrazolyl)hydroborato ligands via direct synthesis: structural characterization of thallium and zinc complexesâ€“Sâ€“. Journal of the Chemical Society Dalton Transactions, 1998, , 3355-3358. | 1.1 | 16 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 199 | Multiple Bonding of Titanium and Vanadium to the Heavier Chalcogens: The Syntheses and Structures of the Terminal Selenido and Tellurido Complexes $[\text{E}(\text{Me})_2\text{E}(\text{Me})_2]\text{ME}$ (M = Ti, V; E = Se, Te). Journal of the American Chemical Society, 1997, 119, 7609-7610. | 13.7 | 37 |
| 200 | Terminal Chalcogenido Complexes of Gallium Supported by Tris(3,5-di-tert-butylpyrazolyl)hydroborato Ligation: $[\text{TpBut}_2]\text{GaE}$ (E = Se, Te). Inorganic Chemistry, 1997, 36, 2492-2493. | 4.0 | 40 |
| 201 | Bis- and Tris(pyrazolyl)hydroborato Ligands with Bulky Triptycyl Substituents: The Synthesis and Structural Characterization of $\text{Ti}[\text{BpTrip}]$ and $\text{Ti}[\text{TpTrip}]$. Inorganic Chemistry, 1997, 36, 3787-3790. | 4.0 | 41 |
| 202 | Modeling the Catalytic Site of Liver Alcohol Dehydrogenase: Synthesis and Structural Characterization of a $[\text{Bis}(\text{thioimidazolyl})(\text{pyrazolyl})\text{hydroborato}]\text{zinc}$ Complex, $[\text{HB}(\text{timMe})_2\text{pz}]\text{ZnI}$. Inorganic Chemistry, 1997, 36, 5680-5681. | 4.0 | 168 |
| 203 | A survey of terminal chalcogenido complexes of the transition metals: trends in their distribution and the variation of their $\text{M}-\text{E}$ bond lengths. Polyhedron, 1997, 16, 1031-1045. | 2.2 | 47 |
| 204 | Structural characterization of bis(pyrazolyl)hydroborato thallium complexes: monomeric two-coordinate thallium derivatives supplemented by $[\text{Ti} \cdots \text{H}-\text{B}]$ interactions. Polyhedron, 1997, 16, 3469-3473. | 2.2 | 27 |
| 205 | A Monovalent Gallium Complex Supported by Tris(3,5-di-tert-butylpyrazolyl)hydroborato Ligation: The Syntheses and Structures of $[\text{TpBut}_2]\text{Ga}$ and Its GaI_3 Adduct, $[\text{TpBut}_2]\text{Ga}^+\text{GaI}_3^-$. Journal of the American Chemical Society, 1996, 118, 10914-10915. | 13.7 | 105 |
| 206 | Comparison of Zinc and Cadmium Coordination Environments in Synthetic Analogues of Carbonic Anhydrase: Synthesis and Structure of $\{[\text{PimPri}, \text{But}]\text{Cd}(\text{OH}_2)(\text{OCIO}_3)\}(\text{ClO}_4)$. Inorganic Chemistry, 1996, 35, 6912-6913. | 4.0 | 40 |
| 207 | Reversible $\text{C}-\text{H}$ Bond Activation in Coordinatively Unsaturated Molybdenum Aryloxy Complexes, $\text{Mo}(\text{PMe}_3)_4(\text{OAr})\text{H}$: Comparison with Their Tungsten Analogs. Organometallics, 1996, 15, 3910-3912. | 2.3 | 28 |
| 208 | Terminal hydrochalcogenido and bridging selenido derivatives of magnesium supported by tris(3-p-tolylpyrazolyl)hydroborate ligation: the syntheses and structures of $[\text{Tp p-Tol}]\text{MgEH}$ (E = S, Se) and $\{[\text{Tp p-Tol}]\text{Mg}\}_2\text{Se}$. Chemical Communications, 1996, , 1239. | 4.1 | 25 |
| 209 | Elaboration of the bis(pyrazolyl)hydroborato ligand $[\text{BpBut}, \text{Pri}]$ into the NNO donor ligand, $[(\text{MeO})\text{BpBut}, \text{Pri}]$: Structural characterization of a complex in which the $[(\text{MeO})\text{BpBut}, \text{Pri}]$ ligand models the binding of zinc to the peptide backbone in thermolysin. Polyhedron, 1996, 15, 2463-2465. | 2.2 | 56 |
| 210 | The Synthesis and Structure of $[\text{Tris}[2-(1,4\text{-diisopropylimidazolyl})]\text{phosphine}]\text{Zinc Nitrate}$, $[\text{Pim}^{\text{sup}}\text{Pr}^{\text{sup}}\text{i}^{\text{sup}}]_2[\text{Zn}(\text{NO}_3)_2]_2$: Structural Consequences of t -Butyl versus i -Isopropyl Substitution in $\text{Tris}(\text{imidazolyl})\text{phosphine}$ Zinc Complexes. Main Group Chemistry, 1996, 1, 297-300. | 0.8 | 11 |
| 211 | Tris(3- t -butyl-5-methylpyrazolyl)hydroborato derivatives of copper and thallium: The structural influence of a 5-methyl substituent. Polyhedron, 1995, 14, 811-821. | 2.2 | 49 |
| 212 | Non-classical carbonyl complexes of zirconium: The syntheses, characterization, and reactivities of $(\text{I}-5\text{-C}_5\text{Me}_5)_2\text{Zr}(\text{I}-2\text{-E})(\text{CO})$ (E \rightarrow S, Se, Te). Polyhedron, 1995, 14, 25-44. | 2.2 | 44 |
| 213 | Syntheses of $\text{Mo}(\text{PMe}_3)_6$ and $\text{trans-Mo}(\text{PMe}_3)_4(\text{E})_2$ (E = S, Se, Te): The First Series of Terminal Sulfido, Selenido, and Tellurido Complexes of Molybdenum. Journal of the American Chemical Society, 1995, 117, 3522-3528. | 13.7 | 58 |
| 214 | The Synthesis and Structural Characterization of the Sterically Demanding Tris(3,5-di- t -butylpyrazolyl)hydroborato Ligand, $[\text{Tp}^{\text{sup}}\text{Bu}^{\text{sup}}\text{t}^{\text{sup}}]_2$: A Highly Twisted, Propeller-Like, Ligand System. Main Group Chemistry, 1995, 1, 29-52. | 0.8 | 41 |
| 215 | Monomeric Alkyl and Hydride Derivatives of Zinc Supported by Poly(pyrazolyl)hydroborato Ligation: Synthetic, Structural, and Reactivity Studies. Organometallics, 1995, 14, 274-288. | 2.3 | 198 |
| 216 | Multiple Bonding to Indium: The Synthesis and Structure of $[\text{TpBut}_2]\text{InSe}$, a Terminal Selenido Complex Supported by Tris(3,5-di-tert-butylpyrazolyl)hydroborato Ligation. Journal of the American Chemical Society, 1995, 117, 12651-12652. | 13.7 | 31 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 217 | Terminal Sulfido, Selenido, and Tellurido Complexes of Tungsten. <i>Inorganic Chemistry</i> , 1995, 34, 6341-6361. | 4.0 | 61 |
| 218 | Syntheses of the Phenylchalcogenolate Complexes (.eta.5-C5Me5)2Zr(EPh)2 (E = O, S, Se, Te) and (.eta.5-C5H5)2Zr(OPh)2: Structural Comparisons within a Series of Complexes Containing Zirconium-Chalcogen Single Bonds. <i>Inorganic Chemistry</i> , 1995, 34, 5900-5909. | 4.0 | 103 |
| 219 | Synthesis and Structure of (.eta.5-C5Me5)2Zr(Se)CO, a Nonclassical d0 Zirconium Carbonyl Complex. <i>Organometallics</i> , 1995, 14, 4037-4039. | 2.3 | 27 |
| 220 | Alkyl, Hydride, and Hydroxide Derivatives of the s- and p-Block Elements Supported by Poly(Pyrazolyl)Borato Ligation: Models for Carbonic Anhydrase, Receptors for Anions, and the Study of Controlled Crystallographic Disorder. <i>Advances in Inorganic Chemistry</i> , 1995, , 291-393. | 1.0 | 194 |
| 221 | The synthesis and structure of {[PimPri,But]ZnOH}(ClO4): a tris(imidazolyl)phosphine zinc hydroxide complex and a proposed structural model for carbonic anhydrase. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 1813. | 2.0 | 62 |
| 222 | Bond-Stretch Isomers and Spin-State Isomers: A Comment on the Article "Bond-Stretch Isomers: Fact not Fiction". <i>Angewandte Chemie International Edition in English</i> , 1994, 33, 1462-1462. | 4.4 | 26 |
| 223 | Bond-Stretch Isomers and Spin-State Isomers: A Comment on the Article "Bond-Stretch Isomers: Fact not Fiction". <i>Angewandte Chemie</i> , 1994, 106, 1530-1530. | 2.0 | 11 |
| 224 | Molecular Structure of (.eta.3-HB(pz)3)ZnNO3: Comparison between Theory and Experiment in a Model Carbonic Anhydrase System. <i>Inorganic Chemistry</i> , 1994, 33, 1234-1237. | 4.0 | 40 |
| 225 | Tris(pyrazolyl)hydroborato Complexes of Cadmium: A Bidentate Nitrate Derivative and Its Relevance to Carbonic Anhydrase Activity. <i>Inorganic Chemistry</i> , 1994, 33, 1158-1164. | 4.0 | 50 |
| 226 | Terminal oxo, sulfido, selenido, and tellurido complexes of zirconium, (.eta.5-C5Me4R)2Zr(E)(NC5H5): comparison of terminal Zr-E single and Zr:E double-bond lengths. <i>Journal of the American Chemical Society</i> , 1994, 116, 606-615. | 13.7 | 150 |
| 227 | The synthesis of [HB]3,5-(Butph)2pz]3 (Butph = p-C6H4But), a new tris(pyrazolyl)hydroborato ligand: the crystal and molecular structure of Ti[.eta.3-HB[3,5-(Butph)2pz]3]. <i>Polyhedron</i> , 1993, 12, 2539-2542. | 2.2 | 32 |
| 228 | Tris(pyrazolyl)hydroboratozinc hydroxide complexes as functional models for carbonic anhydrase: on the nature of the bicarbonate intermediate. <i>Journal of the American Chemical Society</i> , 1993, 115, 4690-4697. | 13.7 | 200 |
| 229 | Mechanistic study of the oxidative addition of dihydrogen to tetrakis(trimethylphosphine)diiodotungsten: observation of an inverse equilibrium isotope effect. <i>Journal of the American Chemical Society</i> , 1993, 115, 353-354. | 13.7 | 45 |
| 230 | Synthesis, structure, and reactivity of (.eta.3-HB(3-tert-Bupz)3)BeCH3, a terminal beryllium alkyl complex supported by tris(3-tert-butylpyrazolyl)hydroborato ligation. <i>Inorganic Chemistry</i> , 1993, 32, 4968-4970. | 4.0 | 35 |
| 231 | Bond-stretch isomerism in transition metal complexes: a reevaluation of crystallographic data. <i>Chemical Reviews</i> , 1993, 93, 887-911. | 47.7 | 187 |
| 232 | [Tris(3-tert-butylpyrazolyl)hydroborato]beryllium hydride: synthesis, structure, and reactivity of a terminal beryllium hydride complex. <i>Inorganic Chemistry</i> , 1992, 31, 983-988. | 4.0 | 70 |
| 233 | Do bond-stretch isomers really exist?. <i>Accounts of Chemical Research</i> , 1992, 25, 455-460. | 15.6 | 120 |
| 234 | Bond-stretch isomerism in the chlorooxomolybdenum complexes cis-mer-MoOCl2(PR3)3: a reinvestigation. <i>Journal of the American Chemical Society</i> , 1992, 114, 2210-2218. | 13.7 | 56 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 235 | [Tris(pyrazolyl)hydroborato]magnesium alkyl derivatives: reactivity studies. Journal of the American Chemical Society, 1992, 114, 748-757. | 13.7 | 94 |
| 236 | Resolved and unresolved crystallographic disorder between cyano-eta.3-[hydrotris(3-tert-butylpyrazolyl)borato]zinc and the halo analogs.. Inorganic Chemistry, 1992, 31, 1656-1662. | 4.0 | 22 |
| 237 | Synthetic, structural, and mechanistic studies of the carbon-hydrogen bond activation of phenols by tungsten complexes W(PMe ₃) ₆ and W(PMe ₃) ₄ (.eta.2-CH ₂ PMe ₂)H. Journal of the American Chemical Society, 1992, 114, 4611-4621. | 13.7 | 46 |
| 238 | Zinc Pyrazolylborate Complexes Relevant to the Biological Function of Carbonic Anhydrase. Angewandte Chemie International Edition in English, 1992, 31, 92-93. | 4.4 | 103 |
| 239 | A mononuclear zinc hydroxide complex stabilized by a highly substituted tris(pyrazolyl)hydroborato ligand: analogies with the enzyme carbonic anhydrase. Inorganic Chemistry, 1991, 30, 4098-4100. | 4.0 | 203 |
| 240 | Artificial manipulation of apparent bond lengths as determined by single-crystal x-ray diffraction. Journal of the American Chemical Society, 1991, 113, 8414-8418. | 13.7 | 57 |
| 241 | Tris(3-tert-butylpyrazolyl)hydroborato zinc hydride: synthesis, structure and reactivity of a monomeric zinc hydride derivative. Journal of the Chemical Society Chemical Communications, 1991, , 717. | 2.0 | 84 |
| 242 | The syntheses, structures, and reactivity of monomeric tungsten(IV) and tungsten(VI) bis(sulfido) complexes: facile elimination of hydrogen from hydrogen sulfide. Journal of the American Chemical Society, 1991, 113, 5904-5905. | 13.7 | 40 |
| 243 | A reinvestigation of the molecular structures of cis-mer-MoOCl ₂ (PR ₃) ₃ : do bond-stretch isomers really exist?. Journal of the American Chemical Society, 1991, 113, 1437-1438. | 13.7 | 64 |
| 244 | Unidentate versus bidentate coordination of nitrate ligands: relevance to carbonic anhydrase activity. Journal of the American Chemical Society, 1991, 113, 9707-9708. | 13.7 | 57 |
| 245 | [Tris(pyrazolyl)hydroborato]magnesium alkyl derivatives: synthetic and structural studies. Organometallics, 1991, 10, 1010-1020. | 2.3 | 72 |
| 246 | Hexakis(trimethylphosphine)tungsten(0): synthesis, structure, and reactivity. Journal of the American Chemical Society, 1990, 112, 5381-5383. | 13.7 | 27 |
| 247 | Poly(pyrazolyl)hydroborato and poly(pyrazolyl)methane aluminium alkyl derivatives. Polyhedron, 1990, 9, 265-276. | 2.2 | 67 |
| 248 | Competitive alkyl and halide metathesis in the reactions of grignard reagents with Ti{̂-3-HB(3-Butpz)3}. Polyhedron, 1990, 9, 1775-1778. | 2.2 | 18 |
| 249 | Tris(pyrazolyl)hydroboratozinc alkyl derivatives: direct comparison of the reactivity of Zn-C and Mg-C bonds. Journal of the Chemical Society Chemical Communications, 1990, , 220. | 2.0 | 44 |
| 250 | [Bis(3-tert-butylpyrazolyl)hydroborato]zinc alkyl derivatives: competitive reactivity of zinc-carbon and boron-hydrogen bonds. Journal of the American Chemical Society, 1990, 112, 4068-4069. | 13.7 | 70 |
| 251 | Competitive sp ³ and sp ² carbon-hydrogen bond activation of phenols by W(PMe ₃) ₆ and W(PMe ₃) ₄ (.eta.2-CH ₂ PMe ₂)H: formation of four- and five-membered oxametallacycles. Journal of the American Chemical Society, 1990, 112, 9632-9633. | 13.7 | 21 |
| 252 | (Tris-(3-tert-butylpyrazolyl)hydroborato)manganese(II), -iron(II), -cobalt(II), and -nickel(II) halide derivatives: facile abstraction of fluoride from tetrafluoroborate(1-). Inorganic Chemistry, 1990, 29, 2452-2456. | 4.0 | 79 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 253 | Tris(pyrazolyl)hydroboratomagnesium and aluminum alkyl derivatives: alkyl exchange with methyl iodide and enolate formation with acetone. <i>Journal of the American Chemical Society</i> , 1989, 111, 7276-7278. | 13.7 | 62 |
| 254 | Elimination processes for alkyl, hydride, and hydroxy derivatives of permethyltungstenocene. <i>Organometallics</i> , 1989, 8, 1172-1179. | 2.3 | 101 |
| 255 | Halide, hydride, alkyl, oxo and related derivatives of bis(pentamethylcyclopentadienyl)tungsten(IV). <i>Polyhedron</i> , 1988, 7, 2053-2082. | 2.2 | 85 |
| 256 | The chemistry of [W(PMe ₃) ₄ (η -2-CH ₂ PMe ₂)H]: synthesis of hydroxy-hydrido, fluoro-hydrido, and silyl-hydrido derivatives and the dimerisation of ethylene and propene giving η -4-diene derivatives. Crystal structure of [W(PMe ₃) ₄ H ₂ (OH ₂)F]F. <i>Journal of the Chemical Society Dalton Transactions</i> , 1986, , 2227-2236. | 1.1 | 28 |
| 257 | TERTIARY PHOSPHINE COMPLEXES OF TUNGSTEN. <i>Reviews in Inorganic Chemistry</i> , 1985, 7, 251-298. | 4.1 | 4 |
| 258 | Formation of an η -2-formaldehyde compound from methanol and its hydrogenation giving methanol. <i>Journal of the Chemical Society Chemical Communications</i> , 1984, , 1540-1540. | 2.0 | 17 |
| 259 | Trimethylphosphine- η -tungsten chemistry: hydrido, silyl, fluoro, hydroxy, and aquo derivatives: crystal structure of [W(PMe ₃) ₄ H ₂ (OH ₂)F]F. <i>Journal of the Chemical Society Chemical Communications</i> , 1984, , 1400-1402. | 2.0 | 15 |