

# Charles L B Macdonald

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2669557/publications.pdf>

Version: 2024-02-01

124  
papers

4,135  
citations

117625

34  
h-index

144013

57  
g-index

139  
all docs

139  
docs citations

139  
times ranked

2931  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Indium and Thallium. , 2021, , 214-280.   |     | 0         |
| 2  | The hydroboration of $\hat{I}\pm$ -diimines. New Journal of Chemistry, 2021, 45, 14908-14912.   | 2.8 | 2         |
| 3  | Triphosphenium salts: air-stable precursors for phosphorus( $\langle\text{scp}\rangle\text{i}\langle\text{scp}\rangle$ ) chemistry. Dalton Transactions, 2020, 49, 12115-12127.   | 3.3 | 11        |
| 4  | Oxidative addition of tetrathiocins to palladium(0) and platinum(0): a route to dithiolate coordination complexes. Dalton Transactions, 2020, 49, 9086-9093.  | 3.3 | 4         |
| 5  | The phosphinoboration of acyl chlorides. Dalton Transactions, 2020, 49, 5092-5099.  | 3.3 | 16        |
| 6  | Heavy Metals Make a Chain: A Catenated Bismuth Compound. Chemistry - A European Journal, 2020, 26, 7711-7719.   | 3.3 | 6         |
| 7  | Diphosphoniodiphosphene Formation by Transition Metal Insertion into a Triphosphenium Zwitterion. Chemistry - A European Journal, 2019, 25, 1208-1211.  | 3.3 | 5         |
| 8  | A Comprehensive Investigation of a Zwitterionic Ge $\langle\text{sup}\rangle\text{I}\langle\text{sup}\rangle$ Dimer with a 1,2 $\hat{\text{a}}\text{€}$ Dicationic Core. Chemistry - A European Journal, 2019, 25, 14790-14800.                       | 3.3 | 4         |
| 9  | 2,6-Bis(benzimidazol-2-yl)pyridines as more electron-rich and sterically accessible alternatives to 2,6-bis(imino)pyridine for group 13 coordination chemistry. Dalton Transactions, 2019, 48, 1284-1291.   | 3.3 | 12        |
| 10 | Halogen and Sulfur Oxidation of Germanium and Tin Dications. Inorganic Chemistry, 2019, 58, 6238-6245.  | 4.0 | 9         |
| 11 | 2,6-Bis(benzimidazol-2-yl)pyridine complexes of group 14 elements. Dalton Transactions, 2019, 48, 7835-7843.  | 3.3 | 18        |
| 12 | Frontispiece: A Comprehensive Investigation of a Zwitterionic Ge $\langle\text{sup}\rangle\text{I}\langle\text{sup}\rangle$ Dimer with a 1,2 $\hat{\text{a}}\text{€}$ Dicationic Core. Chemistry - A European Journal, 2019, 25, .                    | 3.3 | 0         |
| 13 | The phosphinoboration of 2-diphenylphosphino benzaldehyde and related aldimines. Journal of Organometallic Chemistry, 2019, 880, 378-385.   | 1.8 | 11        |
| 14 | 1,3,5-Triazine(trithiophenylcarboxylate) esters form metastable monotropic nematic discotic liquid crystal phases. Liquid Crystals, 2018, 45, 1147-1154.  | 2.2 | 13        |
| 15 | Oxidation of a germanium( $\langle\text{scp}\rangle\text{ii}\langle\text{scp}\rangle$ ) dication to access cationic germanium( $\langle\text{scp}\rangle\text{iv}\langle\text{scp}\rangle$ ) fluorides. Chemical Communications, 2018, 54, 4140-4143. | 4.1 | 17        |
| 16 | Synthesis and structural characterization of new polyether complexes of germanium(II) and tin(II). Canadian Journal of Chemistry, 2018, 96, 570-577.  | 1.1 | 2         |
| 17 | Addressing the Nature of Phosphinidene Sulfides via the Synthesis of P $\hat{\text{a}}\text{€}$ S Heterocycles. Chemistry - A European Journal, 2018, 24, 743-749.  | 3.3 | 11        |
| 18 | Assessing the Ligand Properties of NHC $\hat{\text{€}}$ Stabilised Phosphorus(I) Cations. Chemistry - A European Journal, 2018, 24, 3556-3565.  | 3.3 | 18        |

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 19 | Synthesis, characterization and mass-spectrometric analysis of [LSn(IV)F <sub>4</sub> ] <sup>x+</sup> salts [L = tris ((1-ethyl-benzoimidazol-2-yl)methyl)amine, <i>x</i> = 1–4]. Dalton Transactions, 2018, 47, 16729-16736. | 3.3  | 6         |
| 20 | Phosphonium-Templated Iodoplumbates. ACS Omega, 2018, 3, 17077-17082.   | 3.5  | 1         |
| 21 | Synthesis of Heteroleptic Phosphorus(I) Cations by P <sup>+</sup> Transfer. Inorganic Chemistry, 2018, 57, 11717-11725.   | 4.0  | 9         |
| 22 | Synthesis of Heavy Dicyanamide Homologues from Air-Stable Precursors. Chemistry - A European Journal, 2018, 24, 14644-14648.  | 3.3  | 21        |
| 23 | Tris(benzoimidazol)amine (L) complexes of pnictogen(III) and pnictogen(V) cations and assessment of the [LP] <sup>3+</sup> /[LPF <sub>2</sub> ] <sup>3+</sup> redox couple. Chemical Science, 2018, 9, 5837-5841.             | 7.4  | 11        |
| 24 | Synthesis of bis(trithio)phosphines by oxidative transfer of phosphorus(I). Dalton Transactions, 2017, 46, 9769-9776.   | 3.3  | 6         |
| 25 | Transition Metal Functionalization of P <sub>4</sub> Using a Diarylgermylene Anchor. Inorganic Chemistry, 2017, 56, 9111-9119.  | 4.0  | 13        |
| 26 | The phosphinoboration of carbodiimides, isocyanates, isothiocyanates and CO <sub>2</sub> . Dalton Transactions, 2017, 46, 10876-10885.  | 3.3  | 19        |
| 27 | Accessing multimetallic complexes with a phosphorus(I) zwitterion. Dalton Transactions, 2017, 46, 17080-17092.  | 3.3  | 10        |
| 28 | Polyether complexes of groups 13 and 14. Chemical Society Reviews, 2016, 45, 3883-3915.   | 38.1 | 41        |
| 29 | 1,2,4-Triazol-5-ylidenes versus Imidazol-2-ylidenes for the Stabilization of Phosphorus(I) Cations. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2016, 642, 1251-1258.   | 1.2  | 11        |
| 30 | Convenient Preparation and Detailed Analysis of a Series of NHC-Stabilized Phosphorus(I) Dyes and Their Derivatives. Inorganic Chemistry, 2016, 55, 7152-7166.  | 4.0  | 29        |
| 31 | Preparation and Reactivity of a Triphosphenium Bromide Salt: A Convenient and Stable Source of Phosphorus(I). Journal of Visualized Experiments, 2016, , .  | 0.3  | 3         |
| 32 | A zwitterionic triphosphenium compound as a tunable multifunctional donor. Dalton Transactions, 2016, 45, 6251-6258.  | 3.3  | 14        |
| 33 | A simple route to phosphamethine cyanines from S,N-heterocyclic carbenes. Dalton Transactions, 2016, 45, 2138-2147.   | 3.3  | 21        |
| 34 | Remarkably stable chelating bis-N-heterocyclic carbene adducts of phosphorus(I) cations. Chemical Communications, 2015, 51, 7741-7744.  | 4.1  | 37        |
| 35 | Low-Valent Chemistry: An Alternative Approach to Phosphorus-Containing Oligomers. Inorganic Chemistry, 2014, 53, 13061-13069.   | 4.0  | 14        |
| 36 | 1,1,1-Tris(dimethylamino)-2-[tris(dimethylamino)phosphoranylidene]diphosphonium tetraphenylborate tetrahydrofuran monosolvate. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o691-o691.               | 0.2  | 0         |

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 37 | Reversible, Photoinduced Activation of P <sub>4</sub> by Low-coordinate Main Group Compounds. Chemistry - A European Journal, 2014, 20, 6739-6744.   | 3.3  | 70        |
| 38 | A <sup>115</sup> In solid-state NMR study of low oxidation-state indium complexes. Chemical Science, 2014, 5, 982-995.   | 7.4  | 22        |
| 39 | New Dihexadecyldithiophosphate SAMs on Gold Provide Insight into the Unusual Dependence of Adsorbate Chelation on Substrate Morphology in SAMs of Dialkyldithiophosphinic Acids. Journal of the American Chemical Society, 2013, 135, 15784-15793.   | 13.7 | 4         |
| 40 | Palladium(II) complexes with salicylideneimine based tridentate ligand and triphenylphosphine: Synthesis, structure and catalytic activity in Suzuki-Miyaura cross coupling reactions. Inorganica Chimica Acta, 2013, 394, 391-400.  | 2.4  | 37        |
| 41 | Non-Innocent Ligand Effects on Low-Oxidation State Indium Complexes. Chemistry - A European Journal, 2013, 19, 14470-14483.  | 3.3  | 25        |
| 42 | Theoretical and experimental studies on the structure and spectroscopic properties of Ni(II) complexes of the type [Ni(L)(PPh <sub>3</sub> )] [H <sub>2</sub> L=5-methyl-N-(2-mercaptophenyl)salicylideneimine and 5-chloro-N-(2-mercaptophenyl)salicylideneimine]. Journal of Molecular Structure, 2013, 1037, 367-375. | 3.6  | 8         |
| 43 | Water and Ammonia Complexes of Germanium(II) Dications. Angewandte Chemie - International Edition, 2013, 52, 3469-3472.  | 13.8 | 25        |
| 44 | Synthesis of Zwitterionic Triphosphenium Transition Metal Complexes: A Boron Atom Makes The Difference. Inorganic Chemistry, 2013, 52, 11438-11449.  | 4.0  | 28        |
| 45 | Accessing the Coordination Chemistry of Phosphorus(I) Zwitterions. Angewandte Chemie - International Edition, 2012, 51, 13026-13030.   | 13.8 | 43        |
| 46 | Experimental and Computational Insights into the Stabilization of Low-Valent Main Group Elements Using Crown Ethers and Related Ligands. Journal of the American Chemical Society, 2012, 134, 4332-4345.   | 13.7 | 41        |
| 47 | “Crowned” Univalent Indium Complexes as Donors? Experimental and Computational Insights on the Valence Isomers of E <sub>2</sub> X <sub>4</sub> Species. Chemistry - A European Journal, 2011, 17, 6148-6161.  | 3.3  | 19        |
| 48 | (1,4,7,10,13,16-Hexaoxacyclooctadecane)dimethylindium(III) trifluoromethanesulfonate. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, m233-m234.   | 0.2  | 2         |
| 49 | Crown ether complexes of tin(II) trifluoromethanesulfonate. Journal of Organometallic Chemistry, 2010, 695, 1012-1018.   | 1.8  | 29        |
| 50 | Potassium cation exchange with "crowned" indium(I) trifluoromethanesulfonate. Main Group Chemistry, 2010, 9, 141-152.  | 0.8  | 3         |
| 51 | Alternative syntheses of univalent indium salts including a direct route from indium metal. New Journal of Chemistry, 2010, 34, 1551.  | 2.8  | 18        |
| 52 | Cationic Crown Ether Complexes of Germanium(II). Angewandte Chemie - International Edition, 2009, 48, 5155-5158.   | 13.8 | 90        |
| 53 | A Convenient Method for the Preparation of N-Heterocyclic Bromophosphines: Excellent Precursors to the Corresponding N-Heterocyclic Phosphenium Salts. Organometallics, 2009, 28, 4377-4384.   | 2.3  | 55        |
| 54 | The asymmetric total synthesis of (âˆ—)-securinine. Chemical Communications, 2009, , 463-465.  | 4.1  | 31        |

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 55 | Synthesis and structure of an indium(I) $\eta^5$ -crown sandwich. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 1707-1711.  | 1.8  | 34        |
| 56 | Group 13 decamethylmetallocenium cations. <i>Dalton Transactions</i> , 2008, , 1161-1176.   | 3.3  | 37        |
| 57 | A Convenient Preparative Method for Cyclic Triphosphenium Bromide and Chloride Salts. <i>Inorganic Chemistry</i> , 2008, 47, 1196-1203.   | 4.0  | 52        |
| 58 | Solid-State $^{63}\text{Cu}$ and $^{65}\text{Cu}$ NMR Spectroscopy of Inorganic and Organometallic Copper(I) Complexes. <i>Journal of the American Chemical Society</i> , 2007, 129, 13049-13065.   | 13.7 | 70        |
| 59 | Investigation of structure and dynamics in the sodium metallocenes CpNa and CpNa $\cdot$ THF via solid-state NMR, X-ray diffraction and computational modelling. <i>Magnetic Resonance in Chemistry</i> , 2007, 45, S116-S128.  | 1.9  | 16        |
| 60 | Stable compounds containing heavier group 15 elements in the +1 oxidation state. <i>Coordination Chemistry Reviews</i> , 2007, 251, 936-973.  | 18.8 | 119       |
| 61 | Cycloaddition and electron transfer: On a synthetically useful aspect of pnictogen(I) reactivity. <i>Inorganica Chimica Acta</i> , 2007, 360, 329-344.  | 2.4  | 26        |
| 62 | Synthesis and characterization of some dimethylsilicon(IV) complexes with internally functionalized oximes: Crystal and molecular structure of [Me <sub>2</sub> Si{ONC(H)C <sub>4</sub> H <sub>3</sub> O-2} <sub>2</sub> ]. Formation of mesoporous materials by the hydrolytic study of [Me <sub>2</sub> Si{ONC(CH <sub>3</sub> )C <sub>4</sub> H <sub>3</sub> O-2} <sub>2</sub> ] in the presence of Al(OPri) <sub>3</sub> . <i>Polyhedron</i> , 2007, 26, 3168-3174. | 2.2  | 10        |
| 63 | The insertion reactions of $\eta^5$ -crowned-indium(I) trifluoromethanesulfonate into carbon-chlorine bonds. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 2843-2848.   | 1.8  | 19        |
| 64 | Phosphorus(I) Iodide: A Versatile Metathesis Reagent for the Synthesis of Low Oxidation State Phosphorus Compounds. <i>Inorganic Chemistry</i> , 2006, 45, 6864-6874.   | 4.0  | 56        |
| 65 | Redetermination of a cyclic triphosphenium hexachlorostannate salt at 173 K. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, m1235-m1236.   | 0.2  | 10        |
| 66 | Redetermination of an acyclic triphosphenium tetrachloroaluminate salt at 173 K. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, m1869-m1870.   | 0.2  | 4         |
| 67 | Titanium(IV) complexes with amidinate and/or hydrazido ligands. <i>Polyhedron</i> , 2006, 25, 259-265.  | 2.2  | 12        |
| 68 | Colloidal Au and Au-alloy catalysts for direct borohydride fuel cells: Electrocatalysis and fuel cell performance. <i>Journal of Power Sources</i> , 2006, 158, 36-44.  | 7.8  | 178       |
| 69 | Stable Heteroaromatic Carbenes of the Benzimidazole and 1,2,4-Triazole Series. <i>ChemInform</i> , 2006, 37, no.  | 0.0  | 0         |
| 70 | Stable heteroaromatic carbenes of the benzimidazole and 1,2,4-triazole series. <i>Arkivoc</i> , 2006, 2005, 10-46.  | 0.5  | 21        |
| 71 | Cationic Low Oxidation State Phosphorus and Arsenic Compounds. <i>ACS Symposium Series</i> , 2005, , 108-121.   | 0.5  | 2         |
| 72 | Reactions of hybrid organotellurium ligands 1-(4-methoxyphenyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 72 Td (telluro)-2-[3-(6-methyl-2-pyridyl)thio]ethane with mercury (II) bromide: formation of complexes and their decomposition. <i>Inorganica Chimica Acta</i> , 2005, 358, 912-918.   | 2.4  | 10        |

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 73 | Crown Ether Ligation: An Approach to Low-Oxidation-State Indium Compounds. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 7453-7456.   | 13.8 | 56        |
| 74 | Triple-decker tin and lead cations. <i>Applied Organometallic Chemistry</i> , 2005, 19, 578-582.   | 3.5  | 4         |
| 75 | Organoselenium(II) and selenium(IV) compounds containing 2-(Me <sub>2</sub> NCH <sub>2</sub> )C <sub>6</sub> H <sub>4</sub> moieties: solution behavior and solid state structure. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 3217-3228.  | 1.8  | 37        |
| 76 | The unusual reactions of indium(I) trifluoromethanesulfonate with some first row metallocenes and the structure of $\eta^5$ -indium(II) cyclopentadienide. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 5090-5097.                          | 1.8  | 17        |
| 77 | The triethyl ammonium salt of O,O'-bis(o-tolyl) dithiophosphate [Et <sub>3</sub> NH] <sup>+</sup> [(2-MeC <sub>6</sub> H <sub>4</sub> O) <sub>2</sub> PS <sub>2</sub> ] <sup>-</sup> . <i>Journal of Chemical Crystallography</i> , 2005, 35, 447-450. | 1.1  | 23        |
| 78 | Cobaltocenium trifluoromethanesulfonate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005, 61, m2103-m2105.  | 0.2  | 6         |
| 79 | Synthesis and structure of $(\eta^5\text{-C}_5\text{Me}_5)\text{Ga}\eta^1\text{Al}(\text{C}_6\text{F}_5)_3$ . The first example of a gallium-aluminum bond. <i>Main Group Chemistry</i> , 2005, 4, 33-38.  | 0.8  | 18        |
| 80 | Solid-State <sup>93</sup> Nb and <sup>13</sup> C NMR Investigations of Half-Sandwich Niobium(I) and Niobium(V) Cyclopentadienyl Complexes. <i>Journal of Physical Chemistry A</i> , 2005, 109, 7073-7087.  | 2.5  | 37        |
| 81 | Dissociation of 2,4-Bis(2,4,6-tri-tert-butylphenyl)-cyclo-1,3-dipnicta-2,4-diazanes (pnict = P, As, Sb) Imposed by Substituent Steric Strain: A Cyclobutane/Olefin Analogy. <i>Inorganic Chemistry</i> , 2005, 44, 8058-8064.                          | 4.0  | 33        |
| 82 | Synthesis of Well-Defined N-Heterocyclic Carbene Silver(I) Complexes. <i>Organometallics</i> , 2005, 24, 6301-6309.  | 2.3  | 306       |
| 83 | Group 14 triple-decker cations. <i>Dalton Transactions</i> , 2005, , 3846.   | 3.3  | 24        |
| 84 | The synthesis, characterisation and electronic structure of N-heterocyclic carbene adducts of PI cations. <i>Chemical Communications</i> , 2005, , 1965.   | 4.1  | 137       |
| 85 | LOW OXIDATION STATE GROUP 15 ELEMENTS AS PNICTA-WITTIG REAGENTS. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2004, 179, 775-778.  | 1.6  | 9         |
| 86 | Structure and Dynamics of Homoleptic Beryllocenes: A Solid-State <sup>9</sup> Be and <sup>13</sup> C NMR Study. <i>Chemistry - A European Journal</i> , 2004, 10, 5923-5935.   | 3.3  | 42        |
| 87 | Indium(I) trifluoromethanesulfonate and other soluble salts for univalent indium chemistry. <i>Chemical Communications</i> , 2004, , 250.  | 4.1  | 64        |
| 88 | Azines possessing strong push-pull donors/acceptors. <i>Chemical Communications</i> , 2004, , 1842-1843.   | 4.1  | 25        |
| 89 | Stabilized Arsenic(I) Iodide: A Ready Source of Arsenic Iodide Fragments and a Useful Reagent for the Generation of Clusters. <i>Inorganic Chemistry</i> , 2004, 43, 5981-5986.  | 4.0  | 35        |
| 90 | Computational Insights into the Acceptor Chemistry of Phosphenium Cations. <i>Inorganic Chemistry</i> , 2004, 43, 7857-7867.   | 4.0  | 57        |

| #   | ARTICLE  | IF   | CITATIONS |
|-----|--|------|-----------|
| 91  | Synthesis and structures of 3,5-bis(trifluoromethyl)pyrazol derivatives of Rh(I), Ir(I), Pd(II) and Pt(II). <i>Journal of Organometallic Chemistry</i> , 2003, 666, 35-42.   | 1.8  | 29        |
| 92  | Use of a smaller counterion results in an $\eta^{-}$ inverse sandwich $\eta^{+}$ diindium cation. <i>Journal of Organometallic Chemistry</i> , 2003, 666, 3-5.   | 1.8  | 35        |
| 93  | Novel supramolecular architectures in group 13 perfluoroaryl complexes. Synthesis and structures of $[\text{AlMe}(\text{C}_6\text{F}_5)(\text{Ar-Me})_2]$ and $\text{GaMe}(\text{C}_6\text{F}_5)_2$ Electronic supplementary information (ESI) available: Experimental procedures for the preparation of 1 and 2 and X-ray experimental details. See <a href="http://www.rsc.org/suppdata/cc/b2/b210024j/">http://www.rsc.org/suppdata/cc/b2/b210024j/</a> . <i>Chemical Communications</i> , 2003, , 424-425. | 4.1  | 31        |
| 94  | Synthesis of 1,2,4-Triazol-5-ylidenes and Their Interaction with Acetonitrile and Chalcogens. <i>Journal of Organic Chemistry</i> , 2003, 68, 5762-5765.   | 3.2  | 38        |
| 95  | The contrasting behaviour of bridged amido-cyclopentadienyl (constrained geometry) group 15 chlorides and cations derived therefrom. <i>Chemical Communications</i> , 2003, , 430-431.   | 4.1  | 11        |
| 96  | Stabilised phosphorus(i) and arsenic(i) iodide: readily-synthesised reagents for low oxidation state main group chemistry Electronic supplementary information (ESI) available: summary of DFT calculation and crystallographic data. See <a href="http://www.rsc.org/suppdata/cc/b3/b302292g/">http://www.rsc.org/suppdata/cc/b3/b302292g/</a> . <i>Chemical Communications</i> , 2003, , 1946.   | 4.1  | 64        |
| 97  | Anisotropic NMR Interaction Tensors in the Decamethylaluminocenium Cation. <i>Journal of the American Chemical Society</i> , 2002, 124, 13204-13214.   | 13.7 | 36        |
| 98  | Transformations between Monomeric, Dimeric, and Trimeric Phosphazanes: $\Delta$ Oligomerizing NP Analogues of Olefins. <i>Journal of the American Chemical Society</i> , 2002, 124, 14012-14013.   | 13.7 | 56        |
| 99  | Anisotropic $^{11}\text{B}$ and $^{13}\text{C}$ NMR Interaction Tensors in Decamethylcyclopentadienyl Boron Complexes. <i>Journal of Physical Chemistry A</i> , 2002, 106, 10096-10107.  | 2.5  | 24        |
| 100 | Late First-Row Transition-Metal Complexes of Texaphyrin. <i>Journal of the American Chemical Society</i> , 2002, 124, 8416-8427.   | 13.7 | 69        |
| 101 | Sequential dehydrochloride coupling of trichlorophosphine with 2,6-di-isopropylaniline: aminophosphine precursors to phosphetidines. <i>Canadian Journal of Chemistry</i> , 2002, 80, 1404-1409.   | 1.1  | 32        |
| 102 | The crystal structure of the $\eta^{-}$ pentamethylcyclopentadienyl cation $\eta^{+}$ is that of the pentamethylcyclopentenyl cation Electronic supplementary information (ESI) available: DFT calculations. See <a href="http://www.rsc.org/suppdata/cc/b2/b205081a/">http://www.rsc.org/suppdata/cc/b2/b205081a/</a> . <i>Chemical Communications</i> , 2002, , 1520-1521.   | 4.1  | 20        |
| 103 | Structural interrelationships between the bis(pentamethylcyclopentadienyl)arsenic(III) and antimony(III) cations and their precursor chlorides. <i>Canadian Journal of Chemistry</i> , 2002, 80, 1518-1523.  | 1.1  | 22        |
| 104 | The unusual reaction of $\text{Ga}(\text{C}_5\text{Me}_5)_3$ with a nucleophilic carbene. <i>Journal of Organometallic Chemistry</i> , 2002, 643-644, 487-489.   | 1.8  | 19        |
| 105 | Triple-decker main group cations. <i>Chemical Communications</i> , 2001, , 175-176.  | 4.1  | 58        |
| 106 | A persistent $\text{C}\eta^{-}\text{H}\eta^{-}\text{C}(\text{I})\eta^{-}$ T-stacked cation. <i>Chemical Communications</i> , 2001, , 61-62.  | 4.1  | 31        |
| 107 | Gallium $\eta^{-}$ boron donor $\eta^{+}$ acceptor bonds. <i>Chemical Communications</i> , 2001, , 1866-1867.  | 4.1  | 102       |
| 108 | A valence isomer of a dialane. <i>Chemical Communications</i> , 2001, , 75-76.   | 4.1  | 66        |

| #   | ARTICLE  | IF   | CITATIONS |
|-----|--|------|-----------|
| 109 | Nucleophilic Carbene Complexes of Manganocene. <i>Organometallics</i> , 2001, 20, 3629-3631.   | 2.3  | 35        |
| 110 | Main Group $\sigma$ -Constrained Geometry $\sigma$ -Complexes. <i>Journal of the American Chemical Society</i> , 2001, 123, 7713-7714.   | 13.7 | 27        |
| 111 | Spontaneous Generation of Stable Pnictinyl Radicals from $\sigma$ -Jack-in-the-Box $\sigma$ -Dipnictines: A Solid-State, Gas-Phase, and Theoretical Investigation of the Origins of Steric Stabilization1. <i>Journal of the American Chemical Society</i> , 2001, 123, 9045-9053. | 13.7 | 124       |
| 112 | Synthesis and characterization of an homologous series of bis(amido)diazadipnictetidines (Pnict = P,) <i>Tj ETQq0 0 0,rgBT /Overlock 10 Tf</i>   | 1.9  | 19        |
| 113 | A Perfluorinated Nanosphere: Synthesis and Structure of Perfluoro-deca-B-methyl-para-carborane. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 2121-2123.  | 13.8 | 31        |
| 114 | Synthesis and characterization of an homologous series of bis(amido)diazadipnictetidines (Pnict = P,) <i>Tj ETQq0 0 0,rgBT /Overlock 10 Tf</i>   | 1.9  | 19        |
| 115 | The structure of the decamethylborocenium cation: the most tightly-squeezed metallocene?. <i>Chemical Communications</i> , 2000, , 911-912.  | 4.1  | 29        |
| 116 | Persistent phosphinyl radicals from a bulky diphosphine: an example of a molecular jack-in-the-box. <i>Chemical Communications</i> , 2000, , 2045-2046.  | 4.1  | 106       |
| 117 | Synthesis and Characterization of the First Example of a Gallocenium Cation. <i>Journal of the American Chemical Society</i> , 2000, 122, 11725-11726.   | 13.7 | 18        |
| 118 | A Lewis Acid Adduct of an Alanediyl: An Aluminum(I) $\sigma$ -Boron Donor $\sigma$ -Acceptor Bond. <i>Journal of the American Chemical Society</i> , 2000, 122, 950-951.   | 13.7 | 89        |
| 119 | Synthesis and Characterization of Bis(2,4,6-tris(trifluoromethyl)phenyl) Derivatives of Arsenic and Antimony: X-ray Crystal Structures of As(RF)2Cl, Sb(RF)2Cl, and Sb(RF)2OSO2CF3. <i>Organometallics</i> , 2000, 19, 152-155.  | 2.3  | 31        |
| 120 | A Theoretical Study of Free and Fe(CO)4-Complexed Borylenes (Borane-diyls) and Heavier Congeners: The Nature of the Iron $\sigma$ -Group 13 Element Bonding. <i>Journal of the American Chemical Society</i> , 1999, 121, 12113-12126.   | 13.7 | 115       |
| 121 | Ab Initio Studies of the Contrasting Butadiene Cheletropic and Diels $\sigma$ -Alder Cycloaddition Reactivities Observed for $\sigma$ -Carbenic $\sigma$ -Phosphorus (Phosphenium) and Arsenic (Arsenium) Cations $\sigma$ . <i>Organometallics</i> , 1998, 17, 4014-4029.         | 2.3  | 10        |
| 122 | Synthesis and Structures of Sb[N(H)(C6H2tBu3)]3 and Bi[N(H)(C6H2tBu3)]3: Implications for the Steric Limits of Supermesityl Substitution. <i>Inorganic Chemistry</i> , 1996, 35, 4013-4016.  | 4.0  | 33        |
| 123 | Preparation and structure of 2-chloro-1,3-dimethyldiaza-2-arsenane, 1,3-dimethyldiaza-2-arsenium tetrachlorogallate, and butadiene cycloadducts of diazarsenium cations. <i>Canadian Journal of Chemistry</i> , 1996, 74, 2209-2216.   | 1.1  | 27        |
| 124 | Oxidative addition of 1,2,5,6-Tetrathiocins to Co(I): A Re-Examination of Crown Ether Functionalized Benzene Dithiolate Cobalt(III) Complexes. <i>Organometallics</i> , 0, , .   | 2.3  | 2         |