

Philip P Power

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5392813/publications.pdf>

Version: 2024-02-01

474
papers

34,587
citations

2675

95
h-index

6996

154
g-index

489
all docs

489
docs citations

489
times ranked

8897
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Main-group elements as transition metals. <i>Nature</i> , 2010, 463, 171-177. | 27.8 | 1,280 |
| 2 | π-Bonding and the Lone Pair Effect in Multiple Bonds between Heavier Main Group Elements. <i>Chemical Reviews</i> , 1999, 99, 3463-3504. | 47.7 | 1,082 |
| 3 | π-Bonding and the Lone Pair Effect in Multiple Bonds Involving Heavier Main Group Elements: Developments in the New Millennium. <i>Chemical Reviews</i> , 2010, 110, 3877-3923. | 47.7 | 982 |
| 4 | Slow magnetization dynamics in a series of two-coordinate iron(II) complexes. <i>Chemical Science</i> , 2013, 4, 125-138. | 7.4 | 518 |
| 5 | Synthesis of a Stable Compound with Fivefold Bonding Between Two Chromium(I) Centers. <i>Science</i> , 2005, 310, 844-847. | 12.6 | 511 |
| 6 | Persistent and Stable Radicals of the Heavier Main Group Elements and Related Species. <i>Chemical Reviews</i> , 2003, 103, 789-810. | 47.7 | 491 |
| 7 | Facile Activation of Dihydrogen by an Unsaturated Heavier Main Group Compound. <i>Journal of the American Chemical Society</i> , 2005, 127, 12232-12233. | 13.7 | 431 |
| 8 | Synthesis and Characterization of 2,6-Trip ₂ H ₃ C ₆ PbPbC ₆ H ₃ -2,6-Trip ₂ (Trip = C ₆ H ₂ -2,4,6-i-Pr ₃): A Stable Heavier Group 14 Element Analogue of an Alkyne. <i>Journal of the American Chemical Society</i> , 2000, 122, 3524-3525. | 13.7 | 344 |
| 9 | A Quantum Chemical Study of the Quintuple Bond between Two Chromium Centers in [PhCrCrPh]:trans-Bent versus Linear Geometry. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 3804-3807. | 13.8 | 312 |
| 10 | Synthesis and Characterization of a Digermanium Analogue of an Alkyne. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 1785-1787. | 13.8 | 306 |
| 11 | Synthesis and Characterization of the Monomeric Diaryls M{C ₆ H ₃ -2,6-Mes ₂ } ₂ (M = Ge, Sn, or Pb; Mes =) <i>Organometallics</i> , 1997, 16, 1920-1925. | 2.3 | 298 |
| 12 | London dispersion forces in sterically crowded inorganic and organometallic molecules. <i>Nature Reviews Chemistry</i> , 2017, 1, . | 30.2 | 296 |
| 13 | Synthesis and characterization of the monomer Ga{(NDippCMe) ₂ CH} (Dipp = C ₆ H ₃ -2,6-Pri ₂): a low valent gallium(i) carbene analogue. <i>Chemical Communications</i> , 2000, , 1991-1992. | 4.1 | 292 |
| 14 | Homologous Series of Heavier Element Dipnictenes 2,6-Ar ₂ H ₃ C ₆ E=EC ₆ H ₃ -2,6-Ar ₂ (E = P, As, Sb, Bi; Ar =) <i>Journal of the American Chemical Society</i> , 1999, 121, 3357-3367. | 13.7 | 289 |
| 15 | Synthesis and Characterization of 2,6-Dipp ₂ -H ₃ C ₆ SnSnC ₆ H ₃ -2,6-Dipp ₂ (Dipp = C ₆ H ₃ -2,6-Pri ₂): A Tin Analogue of an Alkyne. <i>Journal of the American Chemical Society</i> , 2002, 124, 5930-5931. | 13.7 | 277 |
| 16 | Interaction of Multiple Bonded and Unsaturated Heavier Main Group Compounds with Hydrogen, Ammonia, Olefins, and Related Molecules. <i>Accounts of Chemical Research</i> , 2011, 44, 627-637. | 15.6 | 274 |
| 17 | Bonding and Reactivity of Heavier Group 14 Element Alkyne Analogues. <i>Organometallics</i> , 2007, 26, 4362-4372. | 2.3 | 266 |
| 18 | Multiple Bonding in Heavier Element Compounds Stabilized by Bulky Terphenyl Ligands. <i>Inorganic Chemistry</i> , 2007, 46, 10047-10064. | 4.0 | 259 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Germanium and Tin Analogues of Alkynes and Their Reduction Products. <i>Journal of the American Chemical Society</i> , 2003, 125, 11626-11636. | 13.7 | 243 |
| 20 | Stable Two-Coordinate, Open-Shell (d^{10}) Transition Metal Complexes. <i>Chemical Reviews</i> , 2012, 112, 3482-3507. | 47.7 | 228 |
| 21 | Structures, Bonding, and Reaction Chemistry of the Neutral Organogallium(I) Compounds $(GaAr)_n$ ($n=1, 2$). <i>Journal of the American Chemical Society</i> , 2003, 125, 2667-2679. | 13.7 | 226 |
| 22 | Reaction of Hydrogen or Ammonia with Unsaturated Germanium or Tin Molecules under Ambient Conditions: Oxidative Addition versus Arene Elimination. <i>Journal of the American Chemical Society</i> , 2009, 131, 16272-16282. | 13.7 | 218 |
| 23 | Diarylstannylene Activation of Hydrogen or Ammonia with Arene Elimination. <i>Journal of the American Chemical Society</i> , 2008, 130, 12268-12269. | 13.7 | 206 |
| 24 | The chemistry of boron and its speciation in plants. <i>Plant and Soil</i> , 1997, 193, 1-13. | 3.7 | 204 |
| 25 | Synthesis and Structures of Monomeric Divalent Germanium and Tin Compounds Containing a Bulky Diketiminato Ligand. <i>Organometallics</i> , 2001, 20, 1190-1194. | 2.3 | 199 |
| 26 | Isolation and structural characterization of unsolvated lithium aryls. <i>Journal of the American Chemical Society</i> , 1993, 115, 11353-11357. | 13.7 | 197 |
| 27 | Three-coordinate iron complexes: x-ray structural characterization of the iron amide-bridged dimers $[Fe(NR_2)_2]_2$ ($R = SiMe_3, C_6H_5$) and the adduct $Fe[N(SiMe_3)_2]_2(THF)$ and determination of the association energy of the monomer $Fe\{N(SiMe_3)_2\}_2$ in solution. <i>Inorganic Chemistry</i> , 1991, 30, 2547-2551. | 4.0 | 196 |
| 28 | Silicon, germanium, tin and lead analogues of acetylenes. <i>Chemical Communications</i> , 2003, , 2091. | 4.1 | 196 |
| 29 | Isolation and Reduction of Sterically Encumbered Arylboron Dihalides: A Novel Boranediyl Insertion into $C\equiv C-B$ Bonds. <i>Journal of the American Chemical Society</i> , 1996, 118, 7981-7988. | 13.7 | 194 |
| 30 | Isolation and x-ray crystal structure of the boron methylenide ion $[Mes_2BCH_2]^-$ ($Mes = i\text{-Pr}$). <i>Journal of the American Chemical Society</i> , 1987, 109, 2541-2542. | 13.7 | 190 |
| 31 | Reversible Reactions of Ethylene with Distannynes Under Ambient Conditions. <i>Science</i> , 2009, 325, 1668-1670. | 12.6 | 185 |
| 32 | Boron-boron double bonding in the species $[B_2R_4]^{2-}$: synthesis and structure of $[(Et_2O)Li]_2\{Mes_2BB(Mes)Ph\}$, a diborane(4) dianion analog of a substituted ethylene. <i>Journal of the American Chemical Society</i> , 1992, 114, 2715-2717. | 13.7 | 183 |
| 33 | Metallocalixarenes: syntheses and x-ray crystal structures of titanium(IV), iron(III), and cobalt(II) complexes of p-tert-butylcalix[4]arene. <i>Journal of the American Chemical Society</i> , 1985, 107, 8087-8091. | 13.7 | 176 |
| 34 | Synthesis and Characterization of the Non-Kekulé, Singlet Biradicaloid $Ar^{\ominus}Ge(\frac{1}{4}NSiMe_3)_2GeAr^{\ominus}$ ($Ar^{\ominus} = i\text{-Pr}$). <i>Journal of the American Chemical Society</i> , 2009, 131, 1766-1767. | 13.7 | 176 |
| 35 | Reactions of trimethylaluminum or trimethylgallium with bulky primary amines: structural characterization of the thermolysis products. <i>Journal of the American Chemical Society</i> , 1991, 113, 3385-3393. | 13.7 | 175 |
| 36 | $(i\text{-C}_5\text{H}_5)(CO)_2MoGeC_6H_3-2,6-Mes_2$: A Transition-Metal Germylene Complex. <i>Journal of the American Chemical Society</i> , 1996, 118, 11966-11967. | 13.7 | 174 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 37 | Reactions of the Heavier Group 14 Element Alkyne Analogues $\text{Ar}^{\sim}\text{EEAr}^{\sim}$ ($\text{Ar}^{\sim} = \text{C}_6\text{H}_3\text{-2,6}(\text{C}_6\text{H}_3\text{-2,6-Pr}_2)_2$; E =) Tj ETQq1 1 0.7843 American Chemical Society, 2005, 127, 17530-17541. | 13.7 | 170 |
| 38 | Molecular structures of the main group 4 metal(II) bis(trimethylsilyl)-amides $\text{M}[\text{N}(\text{SiMe}_3)_2]_2$ in the crystal (X-ray) and vapour (gas-phase electron diffraction). Journal of the Chemical Society Chemical Communications, 1983, , 639. | 2.0 | 169 |
| 39 | Solution Synthesis of Alkyl- and Alkyl/Alkoxy-Capped Silicon Nanoparticles via Oxidation of Mg_2Si . Chemistry of Materials, 2003, 15, 4005-4011. | 6.7 | 167 |
| 40 | Isolation and crystal structures of the halide-free and halide-rich phenyllithium etherate complexes $[(\text{PhLi}.\text{Et}_2\text{O})_4]$ and $[(\text{PhLi}.\text{Et}_2\text{O})_3.\text{LiBr}]$. Journal of the American Chemical Society, 1983, 105, 5320-5324. | 13.7 | 166 |
| 41 | Complexes of Ni($\langle\text{scp}\rangle$): a d^8 -oxidation state of growing importance. Chemical Society Reviews, 2017, 46, 5347-5399. | 38.1 | 165 |
| 42 | Isolation of a Stable, Acyclic, Two-Coordinate Silylene. Journal of the American Chemical Society, 2012, 134, 6504-6507. | 13.7 | 164 |
| 43 | Reduction of a tetraaryldialane to generate aluminum-aluminum π -bonding. Inorganic Chemistry, 1993, 32, 2983-2984. | 4.0 | 163 |
| 44 | Synthesis and Structure of the d^0 -Dialuminyne $\text{Na}_2[\text{Ar}^{\sim}\text{AlAr}^{\sim}]$ and $\text{Na}_2[(\text{Ar}^{\sim})_2\text{Al}]_3$: $\text{Al}\text{--}\text{Al}$ Bonding in Al_2Na_2 and Al_3Na_2 Clusters. Angewandte Chemie - International Edition, 2006, 45, 5953-5956. | 13.8 | 161 |
| 45 | Element Derivatives of Sterically Encumbering Terphenyl Ligands. Advances in Organometallic Chemistry, 1999, 44, 1-65. | 1.0 | 152 |
| 46 | Substituent Effects in Formally Quintuple-Bonded ArCrCrAr Compounds (Ar = Terphenyl) and Related Species. Inorganic Chemistry, 2007, 46, 11277-11290. | 4.0 | 149 |
| 47 | Addition of H_2 to distannynes under ambient conditions. Chemical Communications, 2008, , 6042. | 4.1 | 147 |
| 48 | Synthesis of Sterically Encumbered Terphenyls and Characterization of Their Metal Derivatives $\text{Et}_2\text{OLiC}_6\text{H}_3\text{-2,6-Trip}_2$ and $\text{Me}_2\text{SCuC}_6\text{H}_3\text{-2,6-Trip}_2$ (Trip = 2,4,6-i-Pr $_3$ C $_6$ H $_2$). Organometallics, 1996, 15, 958-964. | 2.3 | 145 |
| 49 | One-Electron Reductions of Organodiborane(4) Compounds: Singly Reduced Anions and Rearrangement Reactions. Chemistry - A European Journal, 1997, 3, 368-375. | 3.3 | 144 |
| 50 | First structural characterization of a boron-centered radical: x-ray crystal structure of $[\text{Li}(12\text{-crown-4})_2]^+ [\text{BMe}_3]^-$. Journal of the American Chemical Society, 1986, 108, 4235-4236. | 13.7 | 143 |
| 51 | The synthesis and structure of lithium derivatives of the sterically encumbered β^2 -diketiminato ligand $[(2,6\text{-Pri}_2\text{H}_3\text{C}_6)\text{N}(\text{CH}_3)\text{C}(\text{CH}_3)_2]_2$, and a modified synthesis of the aminoimine precursor. Dalton Transactions RSC, 2001, , 3465-3469. | 2.3 | 143 |
| 52 | Stable, Monomeric Imides of Aluminum and Gallium: Synthesis and Characterization of $[\{\text{HC}(\text{MeCDippN})_2\}\text{MN-2,6-Trip}_2\text{C}_6\text{H}_3]$ (M=Al or Ga; Dipp=2,6-i-Pr $_2$ C $_6$ H $_3$; Trip=2,4,6-i-Pr $_3$ C $_6$ H $_2$). Angewandte Chemie - International Edition, 2001, 40, 2172-2174. | 13.8 | 143 |
| 53 | Some highlights from the development and use of bulky monodentate ligands. Journal of Organometallic Chemistry, 2004, 689, 3904-3919. | 1.8 | 143 |
| 54 | Monomeric $\text{InC}_6\text{H}_3\text{-2,6-Trip}_2$ (Trip = -C $_6$ H $_2$ -2,4,6-i-Pr $_3$) and Its Manganese Complex $(\text{I-5-C}_5\text{H}_5)(\text{CO})_2\text{MnInC}_6\text{H}_3\text{-2,6-Trip}_2$: A One-Coordinate Indium in the Solid State. Journal of the American Chemical Society, 1998, 120, 2202-2203. | 13.7 | 140 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 55 | Synthesis and Characterization of the Homologous $M\ddot{A}M$ Bonded Series $Ar\ddot{A}MMAr\ddot{A}$ ($M = Zn, Cd, \text{ or } Hg$;) Tj ETQq1 1 0.784314 rgBT American Chemical Society, 2007, 129, 10847-10857. | 13.7 | 138 |
| 56 | Reduction of a Tetraaryldigallane to Afford a Radical Anion with $Ga\ddot{A}Ga$ Multiple Bonding Character. <i>Angewandte Chemie International Edition in English</i> , 1993, 32, 717-719. | 4.4 | 137 |
| 57 | $Tl_2[Ar_2P_4]$: A Thallium Complexed Diaryltetraphosphabutadienediide and its Two-Electron Oxidation to a Diaryltetraphosphabicyclobutane, <i>Ar_2P_4</i> . <i>Angewandte Chemie - International Edition</i> , 2005, 44, 7729-7733. | 13.8 | 136 |
| 58 | Triple Bonding to Germanium: A Characterization of the Transition Metal Germylynes $(\ddot{I}-5-C_5H_5)(CO)_2M\ddot{A}\ddot{G}e-C_6H_3-2,6-Mes_2$ ($M = Mo, W$; $Mes = \ddot{A}^{\wedge}C_6H_2-2,4,6-Me_3$) and $(\ddot{I}-5-C_5H_5)(CO)_2M\ddot{A}\ddot{G}e-C_6H_3-2,6-Trip_2$ ($M = Cr, Mo, W$; $Trip = \ddot{A}^{\wedge}C_6H_2-2,4,6-i-Pr_3$) and the Related Single Bonded Metallogermylenes $(\ddot{I}-5-C_5H_5)(CO)_3M-G\ddot{e}-C_6H_3-2,6-Trip_2$ ($M = Cr, W$). <i>Journal of the American Chemical Society</i> , 2000, 122, 650-656. | 13.7 | 135 |
| 59 | The [2 + 4] Diels-Alder Cycloaddition Product of a Probable Dialuminene, $Ar\ddot{A}AlAlAr\ddot{A}$ ($Ar\ddot{A} = C_6H_3$ -) Tj ETQq1 1 0.784314 rgBT 10784-10785. | 13.7 | 133 |
| 60 | Isolation and x-ray crystal structures of the mononuclear cuprates $[CuMe_2]$ -, $[CuPh_2]$ -, and $[Cu(Br)CH(SiMe_3)_2]$ -. <i>Journal of the American Chemical Society</i> , 1985, 107, 4337-4338. | 13.7 | 132 |
| 61 | Three-coordinate metal amides of manganese(II) and cobalt(II): synthesis and x-ray structure of the first tris(silylamide) of manganese and the x-ray crystal structures of $[M_2(N(SiMe_3)_2)_4]$ ($M = Mn, Co$). <i>Inorganic Chemistry</i> , 1984, 23, 4584-4588. | 4.0 | 131 |
| 62 | Synthesis and Structure of a Unique Monomeric $\ddot{I}f$ -Bonded Aryllithium Compound Stabilized by a Weak $Li\ddot{A}^{\wedge}Benzen\ddot{e}$ Interaction. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 2150-2152. | 4.4 | 126 |
| 63 | Addition of Hydrogen or Ammonia to a Low Valent Group 13 Metal Species at 25% $\ddot{A}^{\wedge}C$ and 1%...Atmosphere. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 2031-2034. | 13.8 | 126 |
| 64 | Spontaneous Generation of Stable Pnictinyl Radicals from $\ddot{A}^{\wedge}Jack-in-the-Box\ddot{A}^{\wedge}Dipnictines$: A Solid-State, Gas-Phase, and Theoretical Investigation of the Origins of Steric Stabilization. <i>Journal of the American Chemical Society</i> , 2001, 123, 9045-9053. | 13.7 | 124 |
| 65 | Sterically Encumbered Iron(II) Thiolate Complexes: Synthesis and Structure of Trigonal Planar $[Fe(SR)_3]$ - ($R = 2,4,6-t-Bu_3C_6H_2$) and Moessbauer Spectra of Two- and Three-Coordinate Complexes. <i>Inorganic Chemistry</i> , 1995, 34, 1815-1822. | 4.0 | 119 |
| 66 | $[2,6-Trip_2H_3C_6Sn(\ddot{I}^{\wedge}4-H)]_2$ ($Trip = C_6H_2-2,4,6-i-Pr_3$): A Synthesis and Structure of a Divalent Group 14 Element Hydride. <i>Journal of the American Chemical Society</i> , 2000, 122, 8785-8786. | 13.7 | 118 |
| 67 | Reactivity of $Ar\ddot{A}GeGeAr\ddot{A}$ ($Ar\ddot{A} = C_6H_3-2,6-Dipp_2$, $Dipp = C_6H_3-2,6-i-Pr_2$) toward Alkynes: A Isolation of a Stable Digermacyclobutadiene. <i>Journal of the American Chemical Society</i> , 2004, 126, 5062-5063. | 13.7 | 118 |
| 68 | Reduction of a Boron-Nitrogen 1,3-Butadiene Analogue: Evidence for a Strong $B\ddot{B} \ddot{B}$ -Bond. <i>Angewandte Chemie International Edition in English</i> , 1992, 31, 1082-1083. | 4.4 | 117 |
| 69 | Reactions between primary amines and magnesium or zinc dialkyls: intermediates in metal imide formation. <i>Inorganica Chimica Acta</i> , 1996, 251, 273-284. | 2.4 | 117 |
| 70 | Synthesis and Characterization of Three-Coordinate and Related \ddot{I}^2 -Diketiminato Derivatives of Manganese, Iron, and Cobalt. <i>Inorganic Chemistry</i> , 2002, 41, 3909-3916. | 4.0 | 117 |
| 71 | Isolation and first structural characterization of dimethyl sulfide solvates of phenyllithium, phenylcopper, and lower and higher order lithium phenylcuprate reagents. <i>Journal of the American Chemical Society</i> , 1990, 112, 8008-8014. | 13.7 | 116 |
| 72 | Synthesis and Characterization of $HC\{C(Me)N(C_6H_3-2,6-i-Pr_2)\}_2MX_2$ ($M = Al, X = Cl, I$; $M = Ga, In, X = Me$;) Tj ETQq0 0 0 rgBT /Overlock 2794-2799. | 4.0 | 116 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-------------------------|-----------|
| 73 | Series of two-coordinate and quasi-two-coordinate transition-metal complexes: synthesis, structural, and spectroscopic studies of sterically demanding borylamide ligands -NRBR'2 (R = Ph, R' =) Tj ETQq1 1 0.784314 rgBT /Overlock | 13.7 | 114 |
| 74 | M(NPhBMes2)2 (M = Cr, Co, Ni), Co(NPhBXyl)2 and M(NMesBMes2)2 (M = Cr, Ni). Journal of the American Chemical Society, 1999, 121, 1048-1055. | 13.7 | 114 |
| 75 | The σ -Diindene-ArInAr (Ar = C6H3-2,6-Dipp2, Dipp = C6H3-2,6-Pri2). Dimeric versus Monomeric In(II) Aryls: para-Substituent Effects in Terphenyl Ligands. Journal of the American Chemical Society, 2002, 124, 8538-8539. | 4.0 | 113 |
| 76 | Synthesis, ^9Be NMR Spectroscopy, and Structural Characterization of Sterically Encumbered Beryllium Compounds. Inorganic Chemistry, 1997, 36, 4688-4696. | 7.4 | 113 |
| 77 | Substituent effects in ditetrel alkyne analogues: multiple vs. single bonded isomers. Chemical Science, 2010, 1, 461. | 13.7 | 112 |
| 78 | Synthesis and Characterization of the Neutral σ -Digallene-Ar GaGaAr and Its Reduction to Na2Ar GaGaAr (Ar = 2,6-Dipp2C6H3, Dipp = 2,6-iPr2C6H3). Angewandte Chemie - International Edition, 2002, 41, 2842-2844. | 2.3 | 110 |
| 79 | Synthesis and Characterization of the Monomeric Terphenyl-Metal Halides Ge(Cl){C6H3-2,6-Trip2} (Trip) Sn{N(SiMe3)2}{C6H3-2,6-Trip2}. Organometallics, 1998, 17, 5602-5606. | 13.7 | 110 |
| 80 | Isomeric Forms of Divalent Heavier Group 14 Element Hydrides: Characterization of (H)GeGe(H) and (H)2GeGe-PMe3 (Ar = C6H3-2,6-Dipp2; Dipp = C6H3-2,6-Pri2). Journal of the American Chemical Society, 2003, 125, 3204-3205. | 13.7 | 109 |
| 81 | Reactions of (H2AlMes*)2 (Mes* = 2,4,6-(t-Bu)3C6H2) with H2EAR (E = N, P, or As; Ar = aryl): Characterization of the Ring Compounds (Mes*AlNPh)2 and (Mes*AlEPh)3 (E = P or As). Journal of the American Chemical Society, 1996, 118, 791-797. | 4.4 | 108 |
| 82 | Synthesis and Characterization of Thiolato Complexes with Two-Coordinate Iron(II). Angewandte Chemie International Edition in English, 1994, 33, 1178-1180. | 4.0 | 108 |
| 83 | Characterization and Bonding of the Cation [Ge{N(C6H3-2,6-iPr2)CMe}2CH]+: Comparison with the Isoelectronic Ga{N(C6H3-2,6-iPr2)CMe}2CH. Inorganic Chemistry, 2001, 40, 5314-5315. | 13.7 | 108 |
| 84 | Quasi-Isomeric Gallium Amides and Imides GaNR2 and RGaNR (R = Organic Group): Reactions of the Digallene, Ar-GaGa-Ar (Ar = C6H3-2,6-(C6H3-2,6-Pri2)2) with Unsaturated Nitrogen Compounds. Journal of the American Chemical Society, 2006, 128, 12498-12509. | 4.4 | 107 |
| 85 | Synthesis and Structure of [MeAlN(2,6-iPr2C6H3)]3: An Aluminum-Nitrogen Analogue of Borazine. Angewandte Chemie International Edition in English, 1988, 27, 1699-1700. | 4.1 | 106 |
| 86 | Persistent phosphinyl radicals from a bulky diphosphine: an example of a molecular jack-in-the-box. Chemical Communications, 2000, , 2045-2046. | 4.0 | 105 |
| 87 | Synthesis and spectroscopic and x-ray structural studies of the mesitylphosphines Ph2Mes and PHMes2 (Mes = 2,4,6-Me3C6H2) and their lithium salts [Li(THF)3PHMes] and [Li(OEt2)PMes2]2. Inorganic Chemistry, 1987, 26, 1941-1946. | 13.7 | 104 |
| 88 | The isolation and x-ray structures of lithium crown ether salts of the free phenyl carbanions [CHPh2]- and [CPh3]-. Journal of the American Chemical Society, 1985, 107, 2174-2175. | 2.3 | 103 |
| 89 | Isolation and x-ray crystal structures of the solvate complexes [Li(Et2O)benzyl]x and [Li(THF)2mesityl]2. Organometallics, 1985, 4, 2117-2121. | 0.784314 rgBT /Overlock | 102 |
| 90 | Synthesis and Characterization of the σ -Bonded, Quasi-Linear, Metal(II) Diaryls MMes2 (M = Mg, Tj ETQq1 1 0.784314 rgBT /Overlock | 4.1 | 102 |
| 90 | Gallium-boron donor-acceptor bonds. Chemical Communications, 2001, , 1866-1867. | | |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 91 | Isomeric Forms of Heavier Main Group Hydrides: Experimental and Theoretical Studies of the [Sn(Ar)H] ₂ (Ar = Terphenyl) System. <i>Journal of the American Chemical Society</i> , 2007, 129, 16197-16208. | 13.7 | 102 |
| 92 | Dispersion Forces and Counterintuitive Steric Effects in Main Group Molecules: Heavier Group 14 (Si/Pb) Dichalcogenolate Carbene Analogues with Sub-90° Interligand Bond Angles. <i>Journal of the American Chemical Society</i> , 2013, 135, 10134-10148. | 13.7 | 102 |
| 93 | Boron-Phosphorus Compounds and Multiple Bonding. <i>Angewandte Chemie International Edition in English</i> , 1990, 29, 449-460. | 4.4 | 101 |
| 94 | Synthesis and Characterization of [Sn ₂ {C ₆ H ₃ -2,6-(2,4,6-i-Pr ₃ C ₆ H ₂) ₂ } ₂]-A Singly Reduced Valence Isomer of a Distannyne. <i>Journal of the American Chemical Society</i> , 1997, 119, 11705-11706. | 13.7 | 100 |
| 95 | The use of very crowded silylamide ligands -N(SiMenPh _{3-n}) ₂ (n = 0, 1, or 2) to synthesize crystalline, two-coordinate, derivatives to manganese(II), iron(II), and cobalt(II) and the free ion [Ph ₃ SiNSiPh ₃]-. <i>Journal of the American Chemical Society</i> , 1989, 111, 4338-4345. | 13.7 | 97 |

96

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 109 | Reversible Complexation of Ethylene by a Silylene under Ambient Conditions. <i>Journal of the American Chemical Society</i> , 2014, 136, 634-637. | 13.7 | 88 |
| 110 | Direct Spectroscopic Observation of Large Quenching of First-Order Orbital Angular Momentum with Bending in Monomeric, Two-Coordinate Fe(II) Primary Amido Complexes and the Profound Magnetic Effects of the Absence of Jahnâˆ™ and Rennerâˆ™Teller Distortions in Rigorously Linear Coordination. <i>Journal of the American Chemical Society</i> , 2009, 131, 12693-12702. | 13.7 | 87 |
| 111 | Room-Temperature Reaction of Carbon Monoxide with a Stable Diarylgermylene. <i>Journal of the American Chemical Society</i> , 2009, 131, 6912-6913. | 13.7 | 87 |
| 112 | Synthesis and characterization of the homoleptic aryloxides [M{O(2,4,6-tert-Bu3C6H2)}2]2 (M =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 [Fe{N(SiMe3)2}{.mu.-O(2,4,6-tert-Bu3C6H2)}]2: evidence for primarily ionic metal-oxygen bonding. <i>Inorganic Chemistry</i> , 1991, 30, 2888-2894. | 4.0 | 86 |
| 113 | Synthesis and Solid-State Structure of 2,6-Trip2C6H3Tl (Trip=2,4,6-iPr3C6H2): A Monomeric Arylthallium(I) Compound with a Singly Coordinated Thallium Atom. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 1277-1279. | 13.8 | 86 |
| 114 | Synthesis and spectroscopic and x-ray structural characterization and dynamic solution behavior of the neutral cobalt(II) alkoxides [Co{OC(C6H11)3}2]2.CH3OH.1/2C6H12.THf, [Co(OCPh3)2]2.n-C6H14, [Co(OSiPh3)2(THF)]2, and Co(OCPh3)2(THF)2. <i>Inorganic Chemistry</i> , 1987, 26, 1773-1780. | 4.0 | 85 |
| 115 | Free inorganic, organic, and organometallic ions by treatment of their lithium salts with 12-crown-4. <i>Accounts of Chemical Research</i> , 1988, 21, 147-153. | 15.6 | 85 |
| 116 | Large Differences in Secondary Metalâˆ™Arene Interactions in the Transition-Metal Dimers ArMMAr (Ar =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 <i>Chemical Society</i> , 2008, 130, 5104-5114. | 13.7 | 85 |
| 117 | An Update on Multiple Bonding between Heavier Main Group Elements: The Importance of Pauli Repulsion, Charge-Shift Character, and London Dispersion Force Effects. <i>Organometallics</i> , 2020, 39, 4127-4138. | 2.3 | 85 |
| 118 | X-ray crystal structure of the boron-stabilized carbanion [Li(12-crown-4)2][CH2C6H2(3,5-Me2)(4-B{2,4,6-Me3C6H2}2)].cntdot.Et2O: evidence for boron ylide character. <i>Organometallics</i> , 1986, 5, 1916-1917. | 2.3 | 84 |
| 119 | Synthesis and Characterization of Sterically Encumbered Derivatives of Aluminum Hydrides and Halides: A Assessment of Steric Properties of Bulky Terphenyl Ligands. <i>Inorganic Chemistry</i> , 1996, 35, 6694-6702. | 4.0 | 84 |
| 120 | The multiple bonding in heavier group 14 element alkene analogues is stabilized mainly by dispersion force effects. <i>Chemical Science</i> , 2015, 6, 6235-6244. | 7.4 | 83 |
| 121 | The Neutral Transition Metal Thiolates[M(SAr)2]2(Mi&3/4 Mn, Fe or Co, Ari&3/4 2,4,6-t-Bu3C6H2). <i>Angewandte Chemie International Edition in English</i> , 1991, 30, 330-332. | 4.4 | 82 |
| 122 | Two Types of Intramolecular Addition of an Alâˆ™N Multiple-Bonded Monomer LAINArâˆ™ Arising from the Reaction of LAl with N3Arâˆ™ (L = HC[(CMe)(NAr)]2, Arâˆ™ = 2,6-Ar2C6H3, Ar = 2,6-iPr2C6H3). <i>Journal of the American Chemical Society</i> , 2004, 126, 9472-9473. | 13.7 | 82 |
| 123 | The Selective Preparation of an Aluminum Oxide and Its Isomeric Câˆ™H-Activated Hydroxide. <i>Journal of the American Chemical Society</i> , 2005, 127, 10170-10171. | 13.7 | 82 |
| 124 | Synthesis, Structure, and Magnetic and Electrochemical Properties of Quasi-Linear and Linear Iron(I), Cobalt(I), and Nickel(I) Amido Complexes. <i>Inorganic Chemistry</i> , 2014, 53, 9400-9406. | 4.0 | 82 |
| 125 | X-ray crystal structures of the diphenylphosphide and arsenide anions: use of a crown ether to effect complete metal cation and organometalloid anion separation. <i>Journal of the American Chemical Society</i> , 1984, 106, 819-821. | 13.7 | 80 |
| 126 | Structural studies of tin(II) and lead(II) dimethylamides: x-ray crystal structure of [Sn(NMe2)2]2 and isolation of its lead analog. <i>Inorganic Chemistry</i> , 1984, 23, 413-415. | 4.0 | 80 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 127 | Boron-phosphorus analogs of benzene and cyclobutadiene. Synthesis and characterization of the boraphosphabenzenes (RBPR') ₃ (R = Mes, Ph; R' = Ph, Mes, C ₆ H ₁₁ , tert-Bu) and the diphosphadiboretane (thexylBPMes) ₂ . <i>Journal of the American Chemical Society</i> , 1989, 111, 144-148. | 13.7 | 80 |
| 128 | Terphenyl Ligand Stabilized Lead(II) Derivatives of Simple Organic Groups: Characterization of Pb(R) ₂ C ₆ H ₃ -2,6-Trip ₂ (R = Me, t-Bu, or Ph; Trip = C ₆ H ₂ -2,4,6-i-Pr ₃), {Pb($\frac{1}{4}$ -Br)C ₆ H ₃ -2,6-Trip ₂ } ₂ , py \cdot Pb(Br)C ₆ H ₃ -2,6-Trip ₂ (py = Pyridine), and the Bridged Plumblyne Complex [{W(CO) ₄ } ₂ ($\frac{1}{4}$ -Br)($\frac{1}{4}$ -PbC ₆ H ₃ -2,6-Trip ₂)]. <i>Organometallics</i> , 2000, 19, 2874-2881. | 2.3 | 80 |
| 129 | First examples of three-coordinate manganese(III) and cobalt(III): synthesis and characterization of the complexes M[N(SiMe ₃) ₂] ₃ (M = Mn or Co). <i>Journal of the American Chemical Society</i> , 1989, 111, 8044-8046. | 13.7 | 79 |
| 130 | Synthesis and electronic and redox properties of "double-cubane" cluster complexes containing molybdenum iron sulfide (MoFe ₃ S ₄) and tungsten iron sulfide (WFe ₃ S ₄) cores. <i>Journal of the American Chemical Society</i> , 1980, 102, 4694-4703. | 13.7 | 78 |
| 131 | A New Synthetic Route to Organoalumoxanes (RAIO) _n : Synthesis of (Mes*AlO) ₄ (Mes* =) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50</i> 1997, 119, 8387-8388. | 13.7 | 78 |
| 132 | Convergent syntheses of [Sn ₇ {C ₆ H ₃ -2,6-(C ₆ H ₃ -2,6-i-Pr ₂) ₂ } ₂]: a cluster with a rare pentagonal bipyramidal motif. <i>Chemical Communications</i> , 2007, , 4919. | 4.1 | 78 |
| 133 | Synthesis and some reactivity studies of germanium, tin and lead analogues of alkynes. <i>Applied Organometallic Chemistry</i> , 2005, 19, 488-493. | 3.5 | 77 |
| 134 | Synthesis, Structure, and Spectroscopic Characterization of Unassociated Mono-, Di- and Triamido Derivatives of Aluminum and Gallium. <i>Organometallics</i> , 1994, 13, 2792-2799. | 2.3 | 76 |
| 135 | Synthesis, Structures, and Spectroscopy of the Metallostannylenes (η -5-C ₅ H ₅)(CO) ₃ M $\hat{\sigma}$ -Sn $\hat{\sigma}$ -C ₆ H ₃ -2,6-Ar ₂ (M = Cr, Mo, W; Ar = C ₆ H ₂ -2,4,6-Me ₃ , C ₆ H ₂ -2,4,6-Pri ₃). <i>Organometallics</i> , 2002, 21, 5622-5627. | 2.3 | 76 |
| 136 | Two-coordinate, nonlinear, crystalline d ₆ and d ₇ complexes: syntheses and structures of M{N(SiMePh ₂) ₂ } ₂ , M = Fe or Co. <i>Journal of the American Chemical Society</i> , 1987, 109, 7563-7564. | 13.7 | 75 |
| 137 | Synthesis and characterization of the mononuclear compounds tert-Bu ₂ MOAr (M = aluminum or) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50</i> <i>Journal of the American Chemical Society</i> , 1991, 113, 8704-8708. | 13.7 | 75 |
| 138 | Synthesis and characterization of the monomeric aluminum monoamides (tert-Bu) ₂ AlN(R)R' (R and R' =) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i> | 4.0 | 75 |
| 139 | Stabilized Terphenyl-Substituted Digermene Derivatives of Simple Organic Groups and Their Halide Precursors: Preference for Symmetrically Bonded Structures. <i>Organometallics</i> , 2001, 20, 1820-1824. | 2.3 | 75 |
| 140 | An Unsymmetric Oxo/Imido-Bridged Germanium-Centered Singlet Diradicaloid. <i>Journal of the American Chemical Society</i> , 2009, 131, 14164-14165. | 13.7 | 75 |
| 141 | Synthesis and Characterization of a Quasi-One-Coordinate Lead Cation. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 2655-2658. | 13.8 | 74 |
| 142 | Reactions of heavier main group compounds with hydrogen, ammonia, ethylene and related small molecules. <i>Chemical Record</i> , 2012, 12, 238-255. | 5.8 | 74 |
| 143 | Synthesis, Spectroscopic Characterization, and Determination of the Solution Association Energy of the Dimer [Co{N(SiMe ₃) ₃ } ₂] ₂ : Magnetic Studies of Low-Coordinate Co(II) Silylamides [Co{N(SiMe ₃) ₃ } ₂] ₂ L (L =) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50</i> <i>Splitings: Inorganic Chemistry</i> , 2013, 52, 12152-12160. | 4.3 | 73 |
| 144 | Synthesis and Characterization of Na ₂ {Ge(C ₆ H ₃ -2,6-Trip ₂) ₂ } ₂ and K ₂ {Sn(C ₆ H ₃ -2,6-Trip ₂) ₂ } ₂ (Trip =) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i> <i>Chemical Society</i> , 1998, 120, 12682-12683. | 13.7 | 72 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 145 | Synthesis and electron spin resonance study of stable dialkyls and diamides of phosphorus and arsenic, R12M ⁿ and (R22N)2M ⁿ . Journal of the Chemical Society Chemical Communications, 1976, , 623-624. | 2.0 | 71 |
| 146 | Stable, Two-Coordinate, Open Shell (d ⁰ –d ⁹) Transition Metal Complexes. Comments on Inorganic Chemistry, 1989, 8, 177-202. | 5.2 | 71 |
| 147 | Synthesis, Structural, and Magnetic Characterization of Linear and Bent Geometry Cobalt(II) and Nickel(II) Amido Complexes: Evidence of Very Large Spin–Orbit Coupling Effects in Rigorously Linear Coordinated Co ²⁺ . Inorganic Chemistry, 2012, 51, 3366-3373. | 4.0 | 71 |
| 148 | The structure of a monomeric phosphinoborane: synthesis and x-ray crystal structure of (diphenylphosphino)dimesitylborane. Inorganic Chemistry, 1986, 25, 4615-4616. | 4.0 | 70 |
| 149 | Subvalent group 14 metal compounds XI. Oxidative addition reactions of organic halides or acid anhydrides (including CH ₄ –nCl _n , PhBr, BrN(SiMe ₃) ₂ , ButCOCl, or (CF ₃ CO) ₂ O) to some bivalent group 14 metal amides or alkyls. Journal of Organometallic Chemistry, 1987, 330, 31-46. | 1.8 | 70 |
| 150 | Synthesis, Characterization and Real Molecule DFT Calculations for Neutral Organogallium(I) Aryl Dimers and Monomers: Weakness of Gallium–Gallium Bonds in Digallenes and Digallynes. Chemistry - A European Journal, 2009, 15, 5263-5272. | 3.3 | 70 |
| 151 | Insertion reactions of a two-coordinate iron diaryl with dioxygen and carbon monoxide. Chemical Communications, 2009, , 5543. | 4.1 | 70 |
| 152 | Reversible, Photoinduced Activation of P ₄ by Low-Coordinate Main Group Compounds. Chemistry - A European Journal, 2014, 20, 6739-6744. | 3.3 | 70 |
| 153 | Synthesis and Characterization of the New Selenolate Ligand -SeC ₆ H ₃ -2,6-Mes ₂ (Mes = C ₆ H ₂ -2,4,6-Me ₃) and Its Two-Coordinate Zinc and Manganese Derivatives: Factors Affecting Bending in Two-Coordinate Metal Complexes with Aryl-Substituted Ligands. Inorganic Chemistry, 1995, 34, 49-54. | 4.0 | 69 |
| 154 | C–H Activation of Cycloalkenes by Dimetallynes (M = Ge, Sn) under Ambient Conditions. Journal of the American Chemical Society, 2011, 133, 11960-11963. | 13.7 | 69 |
| 155 | Synthesis and structure of diarylboryl-substituted hydrazines and diphosphanes: role of σ -orbital hybridization and π -orbital overlap in N–N and P–P multiple-bond lengths. Inorganic Chemistry, 1991, 30, 528-535. | 4.0 | 68 |
| 156 | New Base-Free Alanes and Gallanes: Synthesis and Characterization of Monomeric Mes [*] 2GaH (Mes [*] =) Tj ETQq0 0 0 rgBT /Overlock 10 T Crowded Arylaluminum Species. Inorganic Chemistry, 1994, 33, 6300-6306. | 4.0 | 68 |
| 157 | Syntheses and x-ray structures of the lithium, nickel, and cobalt complexes [Li(THF) ₄][Ni(NPh ₂) ₃].0.5C ₇ H ₈ , [Ni(NPh ₂) ₂] ₂ and [Co(NPh ₂) ₂] ₂ : structural characterization of three coordinate first row d ⁷ and d ⁸ complexes. Journal of the American Chemical Society, 1985, 107, 712-713. | 13.7 | 67 |
| 158 | Synthesis and structural characterization of manganese(II) derivatives of the bulky, chelating bis(amido) ligands [(NMes) ₂ SiMe ₂] ₂ - and [DippNCH ₂ CH ₂ NDipp] ₂ -, their neutral amine precursors, and their lithium salts (Mes = 2,4,6-Me ₃ C ₆ H ₂ ; Dipp = 2,6-i-Pr ₂ C ₆ H ₃). Inorganic Chemistry, 1991, 30, 2487-2494. | 4.0 | 67 |
| 159 | Synthesis and structural and spectroscopic characterization of the Germanazene [GeN(2,6-i-Pr ₂ C ₆ H ₃) ₃] and the tin and lead tetramers [SnN(BMes ₂) ₄], [SnN(2,6-i-Pr ₂ C ₆ H ₃) ₄], and [PbN(2,6-i-Pr ₂ C ₆ H ₃) ₄]. Inorganic Chemistry, 1991, 30, 3390-3394. | 4.0 | 67 |
| 160 | Theoretical studies of multiple bonds in gallium–gallium and germanium–germanium compounds. Dalton Transactions RSC, 2000, , 407-412. | 2.3 | 67 |
| 161 | Synthesis and Characterization of the Metalloplumbylenes (i-5-C ₅ H ₅)(CO) ₃ M–P ^b -C ₆ H ₃ -2,6-Trip ₂ (M = Cr,) Tj ETQq1 1 0.784314 rgBT / 2.3 67 | 2.3 | 67 |
| 162 | Dimeric Gallium Oxide and Sulfide Species Stabilized by a Sterically Encumbered β^2 -Diketiminato Ligand. Inorganic Chemistry, 2001, 40, 2474-2475. | 4.0 | 67 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 163 | Isolation and x-ray crystal structure of the cuprate complex decaethoxydichlorotetralithium bis(hexaphenyldilithiumtricaprate) ([Li ₂ Cu ₃ Ph ₆] ₂ [Li ₄ Cl ₂ (Et ₂ O) ₁₀): the first x-ray structural characterization of an anionic organocopper-lithium cluster. <i>Journal of the American Chemical Society</i> , 1984, 106, 1149-1150. | 13.7 | 66 |
| 164 | Imide Transfer Properties and Reactions of the Magnesium Imide ((THF)MgNPh) ₆ : A Versatile Synthetic Reagent. <i>Inorganic Chemistry</i> , 1996, 35, 3254-3261. | 4.0 | 66 |
| 165 | (2,6-Mes ₂ H ₃ C ₆) ₂ BiH, a Stable, Molecular Hydride of a Main Group Element of the Sixth Period, and Its Conversion to the Dibismuthene (2,6-Mes ₂ H ₃ C ₆)BiBi(2,6-Mes ₂ C ₆ H ₃). <i>Angewandte Chemie - International Edition</i> , 1999, 38, 2771-2774. | 13.8 | 66 |
| 166 | The Syntheses and Characterization of the Bulky Terphenyl Silanes and Chlorosilanes 2,6-Mes ₂ C ₆ H ₃ SiCl ₃ , 2,6-Trip ₂ C ₆ H ₃ SiCl ₃ , 2,6-Mes ₂ C ₆ H ₃ SiHCl ₂ , 2,6-Trip ₂ C ₆ H ₃ SiHCl ₂ , 2,6-Mes ₂ C ₆ H ₃ SiH ₃ , 2,6-Trip ₂ C ₆ H ₃ SiH ₃ | 0.8 | 65 |
| 167 | Synthesis and Characterization of the Metal(I) Dimers [Ar ₂ MMAr ₂]: Comparisons with Quintuple-Bonded [Ar ₂ CrCrAr ₂]. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 9115-9117. | 13.8 | 65 |
| 168 | Monomeric, Two-Coordinate, Univalent Chromium(I) Compounds: A Steric Prevention of Metal-Metal Bond Formation. <i>Journal of the American Chemical Society</i> , 2007, 129, 6076-6077. | 13.7 | 64 |
| 169 | Very Large Changes in Bond Length and Bond Angle in a Heavy Group 14 Element Alkyne Analogue by Modification of a Remote Ligand Substituent. <i>Journal of the American Chemical Society</i> , 2006, 128, 11366-11367. | 13.7 | 63 |
| 170 | Synthesis and X-Ray Structure of (2,4,6-Me ₃ C ₆ H ₂ BPC ₆ H ₁₁) ₃ : A Boron-Phosphorus Analogue of Borazine. <i>Angewandte Chemie International Edition in English</i> , 1987, 26, 1270-1271. | 4.4 | 62 |
| 171 | Synthesis and structural characterization of the beryllium compounds [Be(2,4,6-Me ₃ C ₆ H ₂) ₂ (OEt ₂)], [Be{O(2,4,6-tert-Bu ₃ C ₆ H ₂) ₂ (OEt ₂)}] ₂ , and [Be{S(2,4,6-tert-Bu ₃ C ₆ H ₂) ₂ (THF)}]·cndot.PhMe and determination of the structure of [BeCl ₂ (OEt ₂) ₂]. <i>Inorganic Chemistry</i> , 1993, 32, 1724-1728. | 4.0 | 62 |
| 172 | Solid-State and High-Resolution Liquid ¹¹⁹ Sn NMR Spectroscopy of Some Monomeric, Two-Coordinate Low-Valent Tin Compounds: A Very Large Chemical Shift Anisotropies. <i>Inorganic Chemistry</i> , 2000, 39, 5450-5453. | 4.0 | 62 |
| 173 | Boron-Pnictogen Multiple Bonds: A Donor-Stabilized PB and AsB Bonds and a Hindered Iminoborane with a B-N Triple Bond. <i>Inorganic Chemistry</i> , 2007, 46, 2971-2978. | 4.0 | 62 |
| 174 | Synthesis and characterization of the phosphinidene borate complexes [Li(Et ₂ O) ₂ PRB(Mes) ₂] and [Li(12-crown-4) ₂][R ₂ PRB(Mes) ₂]·cndot.THF [R = Ph, C ₆ H ₁₁ or Mes (Mes = 2,4,6-Me ₃ C ₆ H ₂): the first structurally characterized boron-phosphorus double bonds. <i>Journal of the American Chemical Society</i> , 1986, 108, 6817-6819. | 13.7 | 61 |
| 175 | Neutral catecholate derivatives of manganese and iron: synthesis and characterization of the metal-oxygen cubane-like species M ₄ (DBCat) ₄ (py) ₆ (M = Mn, Fe), the trinuclear complex Mn ₃ (DBCat) ₄ (py) ₄ , and the dimers M ₂ (DBCat) ₂ (py) _n (M = Mn, n = 6; M = Fe, n = 4,6). <i>Inorganic Chemistry</i> , 1992, 31, 1001-1010. | 4.0 | 60 |
| 176 | Terphenyl Ligand Stabilized Lead(II) Derivatives: A Steric Effects and Lead-Lead Bonding in Diplumbenes. <i>Inorganic Chemistry</i> , 2004, 43, 7346-7352. | 4.0 | 60 |
| 177 | Synthesis, Structural Characterization, and Spectroscopy of the Cadmium-Cadmium Bonded Molecular Species Ar ₂ CdCdAr ₂ (Ar = C ₆ H ₃ -2,6-(C ₆ H ₃ -2,6-Pri ₂) ₂). <i>Journal of the American Chemical Society</i> , 2006, 128, 15068-15069. | 13.7 | 60 |
| 178 | X-ray crystal structure of a late-transition-metal dialkylamide, [(CuNEt ₂) ₄]. <i>Inorganic Chemistry</i> , 1984, 23, 936-937. | 4.0 | 59 |
| 179 | An unusual carbon-carbon bond cleavage in bulky metal alkoxides: syntheses and x-ray crystal structures of three-coordinate manganese(II) and chromium(II) complexes containing the di-tert-butylmethoxide ligand. <i>Journal of the American Chemical Society</i> , 1985, 107, 169-173. | 13.7 | 59 |
| 180 | A Germanium Isocyanide Complex Featuring (n + 1) Back-Bonding and Its Conversion to a Hydride/Cyanide Product via C-H Bond Activation under Mild Conditions. <i>Journal of the American Chemical Society</i> , 2012, 134, 4045-4048. | 13.7 | 59 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 181 | Structural characterization of the iron-bridged "double-cubane" cluster complexes [Mo ₂ Fe ₇ S ₈ (SC ₂ H ₅) ₁₂] ₃ - and [M ₂ Fe ₇ S ₈ (SCH ₂ C ₆ H ₅) ₁₂] ₄ - (M = molybdenum, tungsten) containing MFe ₃ S ₄ cores. <i>Inorganic Chemistry</i> , 1980, 19, 430-437. | 4.0 | 58 |
| 182 | New copper chemistry. 21. Phenylcopper(I) and diphenylcuprate(I): characterization of aggregation states by carbon-13 NMR spectroscopy. <i>Journal of the American Chemical Society</i> , 1993, 115, 11640-11641. | 13.7 | 58 |
| 183 | Synthesis and Characterization of the Monomeric Sterically Encumbered Diaryls E{C ₆ H ₃ -2,6-(C ₆ H ₃ -2,6-Pr ₂) ₂ } ₂ (E = Ge, Sn, or Pb). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2006, 632, 1005-1010. | 1.2 | 58 |
| 184 | Simple one-step route to a transition-metal complex containing a phosphorus-phosphorus double bond. Synthesis and x-ray crystal structure of {trans-bis[bis(trimethylsilyl)methyl]diphosphene}bis[tetracarbonyliron(0)]. <i>Journal of the American Chemical Society</i> , 1983, 105, 2085-2086. | 13.7 | 57 |
| 185 | Synthesis and structural characterization of the cyclic species [GeN(2,6-iso-Pr ₂ C ₆ H ₃) ₃]: the first "germanazene". <i>Journal of the American Chemical Society</i> , 1990, 112, 3660-3662. | 13.7 | 57 |
| 186 | Reduktion eines Bor-Stickstoff-Analogons von 1,3-Butadien: Hinweise auf eine starke B-B-Bindung. <i>Angewandte Chemie</i> , 1992, 104, 1075-1076. | 2.0 | 57 |
| 187 | Characterization of the Sterically Encumbered Terphenyl-Substituted Species 2,6-Trip ₂ H ₃ C ₆ Si ⁿ -Sn(Me) ₂ C ₆ H ₃ -2,6-Trip ₂ , an Unsymmetric, Group 14 Element, Methylmethylene, Valence Isomer of an Alkene, Its Related Lithium Derivative 2,6-Trip ₂ H ₃ C ₆ (Me) ₂ Sn ⁿ -Sn(Li)(Me) ₂ C ₆ H ₃ -2,6-Trip ₂ , and the Monomer Sn(t-Bu) ₂ C ₆ H ₃ -2,6-Trip ₂ (Trip = C ₆ H ₂ -2,4,6-i-Pr ₃). <i>Inorganic Chemistry</i> , 2000, 39, 5444-5449. | 4.0 | 57 |
| 188 | Characterization of Ge ₅ R ₄ (R = CH(SiMe ₃) ₂ , C ₆ H ₃ -2,6-Mes ₂): Germanium Clusters of a New Structural Type with Singlet Biradical Character. <i>Organometallics</i> , 2004, 23, 2841-2844. | 2.3 | 57 |
| 189 | Recent developments in the chemistry of low valent Group 14 hydrides. <i>Dalton Transactions</i> , 2008, , 4336. | 3.3 | 57 |
| 190 | Thermally controlling the singlet-triplet energy gap of a diradical in the solid state. <i>Chemical Science</i> , 2016, 7, 6514-6518. | 7.4 | 57 |
| 191 | Molecular structure of bis[bis(trimethylsilyl)amino]zinc as determined by gas electron diffraction. <i>Inorganic Chemistry</i> , 1984, 23, 1972-1975. | 4.0 | 56 |
| 192 | The synthesis and structure of sterically encumbered terphenyl tin(II) halide derivatives: simultaneous existence of monomers and dimers in the crystalline phase. <i>Polyhedron</i> , 2001, 20, 551-556. | 2.2 | 56 |
| 193 | Mononuclear cobalt(II) complexes having alkoxide and amide ligands: synthesis and x-ray crystal structures of [Co(Cl)(OC-tert-Bu) ₃ Li(THF) ₃], [Li(THF) _{4.5}][Co{N(SiMe ₃) ₂ }(OC-tert-Bu) ₂], and [Li{Co(N(SiMe ₃) ₂)(OC-tert-Bu) ₂ }] ₂ . <i>Inorganic Chemistry</i> , 1986, 25, 1027-1033. | 4.0 | 55 |
| 194 | Silylamines with Pyramidal Coordination at Nitrogen. <i>Angewandte Chemie International Edition in English</i> , 1993, 32, 425-427. | 4.4 | 55 |
| 195 | Coordination Chemistry Umpolung: A Gallane Ligand on a Phosphine Lewis Acceptor. <i>Journal of the American Chemical Society</i> , 2002, 124, 382-383. | 13.7 | 55 |
| 196 | Univalent transition metal complexes of arenes stabilized by a bulky terphenylligand: differences in the stability of Cr(i), Mn(i) or Fe(i) complexes. <i>Chemical Communications</i> , 2008, , 1014-1016. | 4.1 | 55 |
| 197 | The synthesis, characterization and some properties of new quasi-aromatic main group ring systems. <i>Journal of Organometallic Chemistry</i> , 1990, 400, 49-69. | 1.8 | 54 |
| 198 | Enhanced thermal stability in organodiborane(4) compounds: synthesis and structural characterization of MeO(Mes) ₂ BB(Mes)OMe, Mes ₂ BB(Mes)OMe, Mes ₂ BB(Mes)Ph, and Mes ₂ BB(Mes)CH ₂ SiMe ₃ (Mes = 2,4,6-Me ₃ C ₆ H ₂). <i>Organometallics</i> , 1992, 11, 2383-2388. | 2.3 | 54 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 199 | Transition metal alkylgallyl complexes: synthesis, structure, and spectroscopic studies of $(\eta^5\text{-C}_5\text{H}_5)(\text{CO})_2\text{FeGa}(\text{tert-Bu})_2$, $\{(\eta^5\text{-C}_5\text{H}_5)(\text{CO})_2\text{Fe}\}_2\text{Ga}(\text{tert-Bu})$, and $(\eta^5\text{-C}_5\text{H}_5)(\text{CO})_2\text{FeGa}(\text{tert-Bu})_2\cdot\{(\eta^5\text{-C}_5\text{H}_5)(\text{CO})_2\text{Fe}\}_2$. <i>Organometallics</i> , 1994, 13, 548-552. | 2.3 | 54 |
| 200 | Synthesis and Structure of Stable Tri-tert-butylgermyl-Substituted Stannylene and Germylene. <i>Organometallics</i> , 2001, 20, 4460-4462. | 2.3 | 54 |
| 201 | Two-Coordinate First Row Transition Metal Complexes with Short Unsupported Metal-Metal Bonds. <i>Journal of the American Chemical Society</i> , 2010, 132, 17399-17401. | 13.7 | 54 |
| 202 | Interaction of phosphorous bis(trimethylsilyl)amide dichloride with carbonylmetalate dianions of iron and chromium: syntheses and x-ray crystal structures of new transition metal complexes involving phosphorus and arsenic in multiple bonding. <i>Journal of the American Chemical Society</i> , 1983, 105, 7460-7461. | 13.7 | 53 |
| 203 | Synthesis and spectroscopic and structural characterization of the novel lithium borylamide salts $\text{trans-[Li(Et}_2\text{O)NHBMes}_2\text{]}_2$, a dimer, and the ion pair $[\text{Li(Et}_2\text{O)}_3][\text{Mes}_2\text{BNBMes}_2]$ with a linear allene-like, $[\text{R}_2\text{B} = \text{N} = \text{BR}_2]^+$ moiety. <i>Journal of the American Chemical Society</i> , 1988, 110, 446-449. | 13.7 | 53 |
| 204 | $[\text{M}(\text{NMe}_2\text{BMes}_2)_2]$ (M = Cr, Ni) : Stable, Distorted, Two-Coordinate d4 and d8 Complexes. <i>Angewandte Chemie International Edition in English</i> , 1989, 28, 316-317. | 4.4 | 53 |
| 205 | Synthesis and characterization of the isoelectronic d10 species bis[bis(methylphenylsilyl)amido]cuprate(1-) and -zinc. <i>Inorganic Chemistry</i> , 1991, 30, 5013-5015. | 4.0 | 53 |
| 206 | Synthesis and Characterization of New Thiolato Derivatives of Lithium, Magnesium, and Zinc: Examples of Two-Coordinate Lithium and Zinc Species Ligated by Sulfur. <i>Inorganic Chemistry</i> , 1994, 33, 4231-4234. | 4.0 | 53 |
| 207 | Monomeric manganese(II) alkoxides: syntheses and x-ray crystal structures of novel three- and four-coordinate manganese complexes of the tri-tert-butylmethoxide ligand. <i>Journal of the American Chemical Society</i> , 1984, 106, 7011-7015. | 13.7 | 52 |
| 208 | A New In_4 Cluster with Short In-In Bonds in Trigonal-Planar $\text{In}(\text{InTrip}_2)_3$. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 2355-2357. | 4.4 | 52 |
| 209 | Spin-State Crossover with Structural Changes in a Cobalt(II) Organometallic Species: Low-Coordinate, First Row, Heteroleptic Amido Transition Metal Aryls. Synthesis and Characterization of $\text{Ar}^{\text{Ar}}\text{Mn}(\text{H})\text{Ar}^{\text{Ar}}$ (M = Mn, Fe, Co) ($\text{Ar}^{\text{Ar}} = \text{Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 347 Td (C}_{6\text{H}}\text{H}_{\text{sub}}\text{sub})$) | 4.0 | 52 |
| 210 | The Monomeric Alanediyl $\text{AlAr}^{\text{Ar}}\text{Pr}_8$ ($\text{Ar}^{\text{Ar}} = \text{Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 312}$) | 13.7 | 52 |
| 211 | An Organoaluminum(I) Compound with a One-Coordinate Aluminum Atom. <i>Journal of the American Chemical Society</i> , 2020, 142, 20554-20559. | 13.7 | 51 |
| 212 | Synthesis and spectroscopic and x-ray structural characterization of compounds involving boron-phosphorus multiple bonds. Lithium salts of boryl phosphides and their precursors. <i>Journal of the American Chemical Society</i> , 1989, 111, 1306-1311. | 13.7 | 51 |
| 213 | Isolation and Structural Characterization of the Lithium Cyanoorganocuprate Salt $[\text{Li}(\text{THF})_2\{\text{Cu}(\text{CN})\text{C}_6\text{H}_3\text{-2,6-Trip}_2\}]_2$ (Trip = $\eta^5\text{-C}_6\text{H}_2\text{-2,4,6-i-Pr}_3$). <i>Journal of the American Chemical Society</i> , 1998, 120, 6409-6410. | 13.7 | 51 |
| 214 | Back-Bonding in Isocyanide Complexes, C-H Activation under Ambient Conditions, CO Coupling, and Ancillary Molecular Interactions—This Award Article summarizes, including more recent results, one of the themes of a lecture presented on March 26th, 2012, at the 243rd Chemical Society National Meeting American in San Diego, CA, in receipt of the 2012 Award in Organometallic Chemistry | 4.0 | 51 |
| 215 | Synthesis and x-ray structural characterization of the metal borylamide complexes $\text{Li}(\text{Et}_2\text{O})_2\text{NPhBMes}_2$, $(\text{THF})(\text{Et}_2\text{O})_2\text{LiClCo}\{\text{NPhBMes}_2\}_2$, and $\text{Mn}\{\text{NMe}_2\text{BMes}_2\}_2\cdot\text{3PhMe}$ (Mes =) $\text{Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 312}$ | 13.7 | 50 |
| 216 | the American Chemical Society, 1987, 109, 4851-4854. | | |
| 215 | Synthesis and Structure of the Magnesium Imide $[(\text{thf})\text{MgNPh}]_6$. <i>Angewandte Chemie International Edition in English</i> , 1994, 33, 356-357. | 4.4 | 50 |
| 216 | A Reversible Valence Equilibrium in a Heavier Main Group Compound. <i>Journal of the American Chemical Society</i> , 2003, 125, 7520-7521. | 13.7 | 50 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 217 | Reaction of M(II) Diaryls (M = Mn or Fe) with Ammonia to Afford Parent Amido Complexes. <i>Organometallics</i> , 2010, 29, 1988-1991. | 2.3 | 50 |
| 218 | The Role of Group 14 Element Hydrides in the Activation of C-H Bonds in Cyclic Olefins. <i>Journal of the American Chemical Society</i> , 2012, 134, 14595-14603. | 13.7 | 50 |
| 219 | Reversible Coordination of H ₂ by a Distannyne. <i>Journal of the American Chemical Society</i> , 2018, 140, 590-593. | 13.7 | 50 |
| 220 | Synthesis and Characterization of [Mes*AlH ₂] ₂ (Mes* = 2,4,6-(tert-Bu) ₃ C ₆ H ₂): A Base-Free Arylalane. <i>Inorganic Chemistry</i> , 1994, 33, 5611-5612. | 4.0 | 49 |
| 221 | Synthesis of [Me ₂ SCu(C ₆ H ₂ -2,4,6-tert-Bu ₃)] and [(Me ₂ S) ₂ Cu(μ-C ₆ H ₂ -2,4,6-Ph ₃)Cu(C ₆ H ₂ -2,4,6-Ph ₃)]: mononuclear and dinuclear organocopper(I) species of formula [CuR.cntdot.solvate] ₁ or 2. <i>Journal of the American Chemical Society</i> , 1992, 114, 9668-9670. | 13.7 | 48 |
| 222 | Synthesis and x-ray structural characterization of Mg(2,4,6-R ₃ C ₆ H ₂) ₂ (THF) ₂ (R = Me, iso-Pr) and the three-coordinate magnesiate species [Li(THF) _{0.6} (Et ₂ O) _{0.4}][Mg(2,4,6-iso-Pr ₃ C ₆ H ₂) ₃]. <i>Organometallics</i> , 1992, 11, 3209-3214. | 2.3 | 48 |
| 223 | Detailed Structural Characterization of the Polyvalent Iminoiodinanes ArINTs (Ar = C ₆ H ₅ or Tj ETQq1 1 0.784314 rgBT /Overlock 10 T55). <i>Chemistry</i> , 1995, 34, 3210-3214. | 4.0 | 48 |
| 224 | Primary alanes and alanates: useful synthetic reagents in aluminum chemistry. <i>Polyhedron</i> , 2000, 19, 1649-1661. | 2.2 | 48 |
| 225 | Synthesis and Characterization of Low-Coordinate Divalent Aryl Transition-Metal Halide Analogues of Grignard Reagents: Precursors for Reduction to Metal-Metal-Bonded Complexes. <i>Inorganic Chemistry</i> , 2007, 46, 4809-4814. | 4.0 | 48 |
| 226 | Synthesis and x-ray crystal structure of [Li ₂ Cu ₂ (CH ₂ SiMe ₃) ₄ (SMe ₂) ₂] _n : the first detailed structural characterization of a lithium dialkylcuprate aggregate. <i>Organometallics</i> , 1990, 9, 1720-1722. | 2.3 | 47 |
| 227 | Structural Characterization of the "Magnesylamine" [(Et ₂ O)Mg(Cl){N(SiMe ₃) ₂ }] ₂ and the Two-Coordinate Magnesium Amide Mg{N(SiMePh ₂) ₂ }] ₂ . <i>Inorganic Chemistry</i> , 1994, 33, 4800-4803. | 4.0 | 47 |
| 228 | Synthesis of the sterically encumbering terphenyl silyl and alkyl amines (R=Me and SiMe ₃), their lithium derivatives, and the tertiary amine. <i>Inorganica Chimica Acta</i> , 2006, 359, 1939-1946. | 2.4 | 47 |
| 229 | Reversible and Irreversible Higher-Order Cycloaddition Reactions of Polyolefins with a Multiple-Bonded Heavier Group 13 Alkene Analogue: Contrasting the Behavior of Systems with σ , π , and π Frontier Molecular Orbital Symmetry. <i>Journal of the American Chemical Society</i> , 2012, 134, 7155-7164. | 13.7 | 47 |
| 230 | Heavier Main Group Dimetallene Reactivity: Effects of Frontier Orbital Symmetry. <i>Organometallics</i> , 2013, 32, 2278-2286. | 2.3 | 47 |
| 231 | Influence of Ligand Modifications on Structural and Spectroscopic Properties in Terphenyl Based Heavier Group 14 Carbene Homologues. <i>Organometallics</i> , 2015, 34, 2222-2232. | 2.3 | 47 |
| 232 | Crystal and molecular structure of chloramine-T trihydrate. Absence of a sodium-nitrogen interaction in the oxidant. N-chloro-N-sodiotoluene-p-sulfonamide. <i>Inorganic Chemistry</i> , 1986, 25, 4057-4058. | 4.0 | 46 |
| 233 | Synthesis and Characterization of Lewis Base-Free, σ -Bonded Lithium Aryls: A Structural Model for Unsolvated Phenyllithium in the Solid State. <i>Journal of the American Chemical Society</i> , 1997, 119, 2847-2852. | 13.7 | 46 |
| 234 | Unusual Electrocyclic Rearrangements with Group 14 Element Compounds: Reversible Isomerization of a σ -Aromatic Digermyl Complex with Carbon-Carbon and Germanium-Germanium Multiple Bond Cleavage. <i>Journal of the American Chemical Society</i> , 2011, 133, 180-183. | 13.7 | 46 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 235 | Synthesis and x-ray crystal structure of the first transition-metal cluster involving framework phosphorus-phosphorus double bonds. <i>Journal of the American Chemical Society</i> , 1984, 106, 1495-1496. | 13.7 | 45 |

| | | | |
|-----|---|-----|----|
| 236 | Synthesis and x-ray crystal structures of the mono- and binuclear arylmanganate complexes $[\text{Li}(\text{Et}_2\text{O})_2]_2\text{Mn}_2\text{Ph}_6$, $[\text{Li}(\text{THF})_4]_2[\text{Mn}_2\text{Ph}_6]$, and $[\text{Li}(\text{THF})_4][\text{MnMes}_3]$. <i>Organometallics</i> , 1988, 7, 1801-1806. | 2.3 | 45 |
|-----|---|-----|----|

237

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 253 | Synthesis and spectroscopic and x-ray structural characterization of the first homoleptic transition-metal boryloxides [Mn(OBTrip ₂)(μ-OBTrip ₂) ₂] and [Fe(OBMes ₂)(μ-OBMes ₂) ₂]. <i>Inorganic Chemistry</i> , 1991, 30, 2884-2888. | 4.0 | 42 |
| 254 | Synthesis and structure of the neutral three-coordinate gallium selenolate Ga[Se(2,4,6-tert-Bu ₃ C ₆ H ₂) ₃] and the monomeric lithium selenolate Li(THF) ₃ Se(2,4,6-tert-Bu ₃ C ₆ H ₂). <i>Inorganic Chemistry</i> , 1991, 30, 3683-3686. | 4.0 | 42 |
| 255 | Synthesis and characterization of the neutral three-coordinate [aluminum and gallium] thiolate complexes Al[S(2,4,6-tert-Bu ₃ C ₆ H ₂) ₃] and Ga[S(2,4,6-tert-Bu ₃ C ₆ H ₂) ₃]. <i>Inorganic Chemistry</i> , 1991, 30, 2633-2637. | 4.0 | 42 |
| 256 | Silylamine mit pyramidal umgebenem Stickstoff. <i>Angewandte Chemie</i> , 1993, 105, 459-461. | 2.0 | 42 |
| 257 | Unique structural isomerism involving tetrazole and amide/azide derivatives of gallium. <i>Chemical Communications</i> , 2001, , 1184-1185. | 4.1 | 42 |
| 258 | Reactions of Terphenylbismuth Dihalides with KSi(SiMe ₃) ₃ , K ₂ Si ₂ (SiMe ₃) ₃ and Na ₂ [Fe(CO)] ₄ : Reduction vs. Metathesis. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 2515-2521. | 2.0 | 42 |
| 259 | Transition Metal Complexes Stabilized by Bulky Terphenyl Ligands: Application to Metal-Metal Bonded Compounds. <i>Structure and Bonding</i> , 2010, , 59-111. | 1.0 | 42 |
| 260 | Synthesis and Characterization of Ge(II), Sn(II), and Pb(II) Monoamides with π -NH ₂ Ligands. <i>Inorganic Chemistry</i> , 2005, 44, 2774-2780. | 4.0 | 41 |
| 261 | Reaction of the Primary Alane (2,4,6-t-Bu ₃ H ₂ C ₆ AlH ₂) ₂ with Nitriles, Isonitriles, and Primary Amines. <i>Inorganic Chemistry</i> , 1998, 37, 6906-6911. | 4.0 | 40 |
| 262 | Reversible complexation of isocyanides by the distannyne Ar ² SnSnAr ² (Ar ² = C ₆ H ₃ -2,6(C ₆ H ₃ -2,6-iPr ₂) ₂). <i>Chemical Communications</i> , 2010, 46, 943. | 4.1 | 40 |
| 263 | Facile, High-Yield Functionalization of Germanium and Tin by Oxidative Insertion of Tetrelenes into the E-H Bonds of Inorganic Acids (E = C, N, O, F): Arene Elimination versus Oxidative Addition and Formation of a Germanium Cation-Water Complex. <i>Organometallics</i> , 2013, 32, 617-622. | 2.3 | 40 |
| 264 | Synthesis and Structure of Unassociated Mono-, Di- and Trithiolate Derivatives of Aluminum and Gallium: Investigation of Al-S and Ga-S π -Bonding. <i>Inorganic Chemistry</i> , 1995, 34, 2593-2599. | 4.0 | 39 |
| 265 | Low-Temperature Synthesis of Aluminum Sulfide as the Solvate Al ₄ S ₆ (NMe ₃) ₄ in Hydrocarbon Solution. <i>Journal of the American Chemical Society</i> , 1997, 119, 9566-9567. | 13.7 | 39 |
| 266 | Mössbauer Study of the Three-Coordinate Planar FeII Thiolate Complex [Fe(SR) ₃]- (R = C ₆ H ₂ -2,4,6-tBu ₃): A Model for the Trigonal Iron Sites of the MoFe ₇ S ₉ :Homocitrate Cofactor of Nitrogenase. <i>Inorganic Chemistry</i> , 2002, 41, 2690-2696. | 4.0 | 39 |
| 267 | Reaction of a Germylene, Stannylene, or Plumbylene with Trimethylaluminum and Trimethylgallium: Insertion into Al-C or Ga-C Bonds, a Reversible Metal-Carbon Insertion Equilibrium, and a New Route to Diplumbenes. <i>Inorganic Chemistry</i> , 2015, 54, 1940-1948. | 4.0 | 39 |
| 268 | New Copper Chemistry. 22. Synthesis and Characterization of [Cu ₃ Ph ₂ (PMDTA) ₂] ⁺ : A Cationic Organocopper(I) Species. <i>Journal of the American Chemical Society</i> , 1994, 116, 6963-6964. | 13.7 | 38 |
| 269 | Bonding and Reactivity of a η^2 -Diketiminato, Gallium(I), Carbene Analogue. <i>ACS Symposium Series</i> , 2002, , 2-15. | 0.5 | 38 |
| 270 | Reactions of Alkenes and Alkynes with an Acyclic Silylene and Heavier Tetrelenes under Ambient Conditions. <i>Organometallics</i> , 2014, 33, 6253-6258. | 2.3 | 38 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 271 | Self-assembly of molybdenum-iron-sulfur clusters as a synthetic approach to the molybdenum site in nitrogenase. Identification of the major products formed by the system FeCl ₃ /MS4 ₂ -C ₂ H ₅ SH (M = Tj ETQq1 1 0.7842 14 rgBT /Overloc | 1.8 | 37 |
| 272 | (THFMgNPh) ₆ as an imide transfer agent: synthesis of titanium and zirconium imido complexes. Journal of Organometallic Chemistry, 1996, 513, 173-180. | 1.8 | 37 |
| 273 | Synthesis and Structure of the Solvent-Free Sodium Aryl (NaC ₆ H ₃ -2,6-Mes ₂) ₂ . Organometallics, 1997, 16, 3258-3260. | 2.3 | 37 |
| 274 | Unusual magnetic properties of a two-coordinate heteroleptic linear cobalt(II) complex. Chemical Communications, 2010, 46, 4466. | 4.1 | 37 |
| 275 | Mechanistic Study of Stepwise Methylisocyanide Coupling and C-H Activation Mediated by a Low-Valent Main Group Molecule. Journal of the American Chemical Society, 2013, 135, 6257-6261. | 13.7 | 37 |
| 276 | New class of σ -bonded aliphatic aza-macrocyclic complexes of transition metals: synthesis and x-ray crystal structures of nitrogen-bridged [(TiN ₄ C ₁₂ H ₂₄) ₂] and the oxo-bridged species [(N ₄ C ₁₂ H ₂₅)TiOTi(N ₄ C ₁₂ H ₂₅)]. Journal of the American Chemical Society, 1983, 105, 2927-2928. | 13.7 | 36 |
| 277 | Synthesis of the monomeric HBtrip ₂ (trip = 2,4,6-iso-Pr ₃ C ₆ H ₂) and the x-ray crystal structures of [HBMes ₂] ₂ (Mes = 2,4,6-Me ₃ C ₆ H ₂) and HBtrip ₂ . Organometallics, 1990, 9, 146-150. | 2.3 | 36 |
| 278 | Attempted Isolation of Heavier Group 14 Element Ketone Analogues: Effect of σ -H \cdots Ar Hydrogen Bonding on Geometry. Organometallics, 2001, 20, 5105-5109. | 2.3 | 36 |
| 279 | Uncommon σ -N,C \cdots -1-Azaallyl Bonding Mode for the Nacnac Ligand: A Bis(η^2 -diketiminato)uranium(III) Iodide Complex. Organometallics, 2004, 23, 4801-4803. | 2.3 | 36 |
| 280 | A Monomeric Thallium(I) Amide in the Solid State: Synthesis and Structure of TlN(Me)ArMes ₂ (ArMes ₂) Tj ETQq0 0 0 rgBT /Overloc | 4.0 | 36 |
| 281 | Metal-Rich, Neutral and Cationic Organotin Clusters. Angewandte Chemie - International Edition, 2005, 44, 2546-2549. | 13.8 | 36 |
| 282 | Stable Plumbylene Dichalcogenolate Monomers with Large Differences in Their Interligand Angles and the Synthesis and Characterization of a Monothiolato Pb(II) Bromide and Lithium Trithiolato Plumbate. Inorganic Chemistry, 2013, 52, 3054-3062. | 4.0 | 36 |
| 283 | New Routes to Synthetically Useful, Sterically Encumbered Arylaluminum Halides and Hydride Halides. Inorganic Chemistry, 1996, 35, 3262-3267. | 4.0 | 35 |
| 284 | Reaction of {HC(CMeNAr) ₂ }Li (Ar=2,6-i-Pr ₂ C ₆ H ₃) with indium monochloride to yield the In \cdots In bonded dimer [{HC(CMeNAr) ₂ }InCl] ₂ and the hydroxide [{HC(CMeNAr) ₂ }InCl(η^4 -OH)] ₂ . Polyhedron, 2002, 21, 525-529. | 2.2 | 35 |
| 285 | Reactions of M{N(SiMe ₃) ₂ } ₂ (M=Mn, Fe or Co) with pyridine and 4,4'-bipyridyl: structural and magnetic studies. Polyhedron, 2003, 22, 67-73. | 2.2 | 35 |
| 286 | Nature of M \cdots E Bonds in Metallosilylenes, -germylenes, -stannylenes, and -plumbylenes [(η^5 -C ₅ H ₅) ₃ (Me ₃ P)(H) ₂ M(EPh)] (M = Fe, Ru,) Tj ETQq0 0 0 rgBT /Overloc | 1.8 | 35 |
| 287 | Reversible σ -Dimerizations of Persistent Organic Radical Cations. Angewandte Chemie - International Edition, 2013, 52, 589-592. | 13.8 | 35 |
| 288 | The Instability of Ni{N(SiMe ₃) ₂ } ₂ : A Fifty Year Old Transition Metal Silylamide Mystery. Angewandte Chemie - International Edition, 2015, 54, 12914-12917. | 13.8 | 35 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 289 | Facile insertion of ethylene into a group 14 element-carbon bond: effects of the HOMO-LUMO energy gap on reactivity. <i>Chemical Communications</i> , 2019, 55, 405-407. | 4.1 | 35 |
| 290 | A silicon-nitrogen analog of the [PPN] ⁺ cation: synthesis and structural characterization of the [Ph ₃ SiNSiPh ₃] ⁻ ion. <i>Journal of the American Chemical Society</i> , 1987, 109, 6509-6510. | 13.7 | 34 |
| 291 | Synthese und Röntgenstrukturanalyse von (2,4,6-trimethylphenyl) ₃ C ₆ H ₂ BPC ₆ H ₁₁ ₃ , einem Bor-Phosphor-Analogon von Borazol. <i>Angewandte Chemie</i> , 1987, 99, 1320-1321. | 2.0 | 34 |
| 292 | Reactions of low-coordinate transition-metal amides with secondary phosphanes and arsanes: synthesis, structural, and spectroscopic studies of [M{N(SiMe ₃) ₂ }(μ-PMe ₂) ₂] (M = manganese, cobalt, nickel, copper, zinc, cadmium, mercury, thallium, lead, bismuth, tin, lead, thallium, mercury, cadmium, zinc, copper, nickel, cobalt, manganese). <i>Journal of Organometallic Chemistry</i> , 1990, 387, 1-10. | 4.0 | 34 |
| 293 | Synthesis and characterization of the monomeric digallylphosphine and digallylarsine derivatives MesP{Ga(Trip) ₂ }.cndot.Et ₂ O and PhAs{Ga(Trip) ₂ }. <i>Inorganic Chemistry</i> , 1993, 32, 1309-1312. | 4.0 | 34 |
| 294 | Synthesis and characterization of some group 1 and 2 metal derivatives of the crowding terphenyl thiolate and selenolate ligands ^η -C ₆ H ₃ -2,6-Trip ₂ (E ⁻ →S or Se; Trip ^η -2,4,6-i-Pr ₃ C ₆ H ₂ ^η). <i>Inorganica Chimica Acta</i> , 1997, 263, 201-207. | 2.4 | 34 |
| 295 | Synthesis of the sterically congested diarylphosphines and and the monomeric Sn(II)-diphosphide. <i>Inorganica Chimica Acta</i> , 2007, 360, 1278-1286. | 2.4 | 34 |
| 296 | Steric Enhancement of Group 12 Metal Hydride Stability and the Reaction of an Arylzinc Hydride with Tetramethylpiperidiny Oxide (TEMPO). <i>Organometallics</i> , 2009, 28, 2091-2095. | 2.3 | 34 |
| 297 | A boron-centered radical: a potassium-crown ether stabilized boryl radical anion. <i>Chemical Communications</i> , 2016, 52, 12714-12716. | 4.1 | 34 |
| 298 | Second-Order Jahn-Teller (SOJT) Structural Distortions in Multiply Bonded Higher Main Group Compounds. <i>Organometallics</i> , 2018, 37, 2929-2936. | 2.3 | 34 |
| 299 | 1,4-Dithio-1,2,3,4-tetraphenyl-butadiene - crystal structure of the 1,2-dimethoxyethane adduct. <i>Journal of Organometallic Chemistry</i> , 1994, 474, 27-30. | 1.8 | 33 |
| 300 | Synthesis and Structures of Low-Valent Alkynyl Tin and Germanium Complexes Supported by Terphenyl Ligands: Heavier Group 14 Element Eneidyne Analogues. <i>Organometallics</i> , 2010, 29, 5585-5590. | 2.3 | 33 |
| 301 | Dispersion Force Effects on the Dissociation of ^η -Jack-in-the-Box ^η -Diphosphanes and Diarsanes. <i>Organometallics</i> , 2015, 34, 2028-2033. | 2.3 | 33 |
| 302 | Dispersion-Force-Assisted Disproportionation: A Stable Two-Coordinate Copper(II) Complex. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 10444-10447. | 13.8 | 33 |
| 303 | Tri- and tetra-meric copper(I) amides {Cu[N(SiMePh ₂) ₂]} ₃ and {Cu[N(SiMe ₂ Ph) ₂]} ₄ . <i>Journal of the Chemical Society Dalton Transactions</i> , 1992, , 451. | 1.1 | 32 |
| 304 | Synthese und Struktur des Magnesiumimids [(thf) ₆ MgNPh] ₆ . <i>Angewandte Chemie</i> , 1994, 106, 350-351. | 2.0 | 32 |
| 305 | Synthesis and Structural Characterization of {LiN(SiMe ₃) ₂ MMe ₃ }. _n (M = Al, Ga): Amido Ligands Isoelectronic to the Alkyl Group -C(SiMe ₃) ₃ . <i>Organometallics</i> , 1995, 14, 5488-5489. | 2.3 | 32 |
| 306 | Characterization of ^η -Sn(1,4-Br)Sn(^η -CH ₂ C ₆ H ₄ -4-Pri(^η -C ₆ H ₃ -2,6-Dipp ₂ ; Dipp = C ₆ H ₃ -2,6-Pri ₂); A Stable Structural Analogue for a Heavier Group 14 Element Monobridged Alkene Isomer HM(1,4-H)MH ₂ (M = Sn or Pb). <i>Journal of Organometallic Chemistry</i> , 1990, 387, 1-10. | 4.0 | 32 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 307 | An Arene-Stabilized Cobalt(I) Aryl: Reactions with CO and NO. <i>Inorganic Chemistry</i> , 2008, 47, 10205-10207. | 4.0 | 32 |
| 308 | Linear and Nonlinear Two-Coordinate Vanadium Complexes: Synthesis, Characterization, and Magnetic Properties of V(II) Amides. <i>Journal of the American Chemical Society</i> , 2013, 135, 10720-10728. | 13.7 | 32 |
| 309 | Catalytic dehydrocoupling of amines and boranes by an incipient tin(<sc>ii</sc>) hydride. <i>Chemical Communications</i> , 2016, 52, 13656-13659. | 4.1 | 32 |
| 310 | A Monomeric Aluminum Imide (Iminoalane) with Al σ -N Triple-Bonding: Bonding Analysis and Dispersion Energy Stabilization. <i>Journal of the American Chemical Society</i> , 2021, 143, 6351-6356. | 13.7 | 32 |
| 311 | Isolation and x-ray crystal structures of the homoleptic, σ -bonded transition-metal aryl complexes [(LiEt ₂ O) ₄ VPh ₆] and [(LiEt ₂ O) ₃ CrPh ₆]. <i>Organometallics</i> , 1988, 7, 1380-1385. | 2.3 | 31 |
| 312 | A Compound with a Boron σ -Arsenic Double Bond. <i>Angewandte Chemie International Edition in English</i> , 1990, 29, 1033-1035. | 4.4 | 30 |
| 313 | Synthesis and Structure of [Et ₂ OZn(SC ₆ H ₂ tBu ₃) ₂], the First T-Shaped Zinc Complex. <i>Angewandte Chemie International Edition in English</i> , 1990, 29, 1403-1404. | 4.4 | 30 |
| 314 | Do nonclassical silabenzene anions exist? Synthesis and crystal structure of crown ether-stabilized lithium silacyclohexadieneides, Li(12-crown-4) ₂ Me ₂ SiC ₅ H ₅ and Li(12-crown-4) ₂ -tert-Bu(H)SiC ₅ H ₅ . <i>Journal of the American Chemical Society</i> , 1990, 112, 4841-4846. | 13.7 | 30 |
| 315 | Compounds with M ₃ Se ₃ (M = lithium, zinc) rings: synthesis and characterization of [Zn(CH ₂ SiMe ₃)Se-2,4,6-tert-Bu ₃ C ₆ H ₂] ₃ .cnddot.0.5C ₆ H ₁₄ and [Li(THF)Se-2,4,6-tert-Bu ₃ C ₆ H ₂] ₃ .cnddot.PhMe. <i>Inorganic Chemistry</i> , 1993, 32, 4505-4508. | 4.0 | 30 |
| 316 | Synthesis and Structure of Mes*AlN(Ph)Al(Mes*)N(Ph)NPh: A Formal Aluminum σ -Nitrogen Analog of the Cyclopentadienide Ion. <i>Inorganic Chemistry</i> , 1996, 35, 2717-2718. | 4.0 | 30 |
| 317 | Methyl-Bridged Transition Metal Complexes (M = Cr σ -Fe) Supported by Bulky Terphenyl Ligands. <i>Organometallics</i> , 2009, 28, 6541-6545. | 2.3 | 30 |
| 318 | Thorium(IV) and Uranium(IV) Halide Complexes Supported by Bulky β -Diketiminato Ligands. <i>Organometallics</i> , 2013, 32, 1423-1434. | 2.3 | 30 |
| 319 | Dynamic Behavior and Isomerization Equilibria of Distannenes Synthesized by Tin Hydride/Olefin Insertions: Characterization of the Elusive Monohydrido Bridged Isomer. <i>Journal of the American Chemical Society</i> , 2017, 139, 6586-6595. | 13.7 | 30 |
| 320 | Metathetical Exchange between Metal σ -Metal Triple Bonds. <i>Journal of the American Chemical Society</i> , 2020, 142, 2233-2237. | 13.7 | 30 |
| 321 | The Structures of Organocuprates and Heteroorganocuprates and Related Species in Solution and in the Solid State. <i>Progress in Inorganic Chemistry</i> , 0, , 75-112. | 3.0 | 30 |
| 322 | Multiple Bonding Between Heavier Group 13 Elements. <i>Structure and Bonding</i> , 2002, , 57-84. | 1.0 | 30 |
| 323 | Syntheses and x-ray crystal structures of two new classes of macrocyclic ligands having both phosphorus and nitrogen donor atoms. <i>Inorganic Chemistry</i> , 1984, 23, 2550-2552. | 4.0 | 29 |
| 324 | Comparison of σ -Bond Strengths in M σ -E (M = B, Al, Ga; E = O, N, S) Compounds. Ab Initio Calculation of Rotational Barriers. <i>Inorganic Chemistry</i> , 1997, 36, 1431-1436. | 4.0 | 29 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 325 | Reactions of Phenyllithium with the Stannylenes Ar^*SnPh ($Ar^* = C_6H_3-2,6-Trip_2$; $Trip = C_6H_2-2,4,6-Pr_3$) and the Synthesis of the Distannylstannylenes $Sn(SnPh_2Ar^*)_2$: A Contrasting Behavior in Methyl and Phenyl Derivatives. <i>Organometallics</i> , 2003, 22, 5423-5426. | 2.3 | 29 |
| 326 | Tethered Heavy Dicarbene Analogues: Synthesis and Structure of Ditetryldiyl Ethers (Ar^*E_2) ₂ ($\frac{1}{4}$ -O) (E = Ge, Sn; $Ar^*E_2 =$) <i>J. Am. Chem. Soc.</i> 133, 10702-10704 (2011). | 2.3 | 29 |
| 327 | Facile C-H Bond Metathesis Mediated by a Stannylene. <i>Journal of the American Chemical Society</i> , 2018, 140, 5674-5677. | 13.7 | 29 |
| 328 | Counterintuitive Interligand Angles in the Diaryls $E\{C_6H_3-2,6-(C_6H_2-2,4,6-Pr_3)_2\}_2$ (E = Ge, Sn, or Pb) and Related Species: The Role of London Dispersion Forces. <i>Organometallics</i> , 2018, 37, 2075-2085. | 2.3 | 29 |
| 329 | The first X-ray crystal structural characterizations of alkali metal alkyl thiolates: X-ray crystal structures of $[Li_2(thf)_4\{SCH(SiMe_3)_2\}_2]$ and $[Li_2(thf)_3.5\{SC(SiMe_3)_3\}_2](thf = \text{tetrahydrofuran})$. <i>Journal of the Chemical Society Chemical Communications</i> , 1985, , 1674. | 2.0 | 28 |
| 330 | Asymmetric bonding involving a phosphinidene complex. Synthesis and x-ray crystal structure of $[[Fe(CO)_3\{POC_6H_2(CMe_3)_2Me-2,6,4\}]_2]$, an organometallic cyclobutadiene analog?. <i>Organometallics</i> , 1986, 5, 813-815. | 2.3 | 28 |
| 331 | Syntheses, structures, and spectroscopic studies of several new classes of compounds having boron-arsenic bonds. <i>Journal of the American Chemical Society</i> , 1993, 115, 3221-3226. | 13.7 | 28 |
| 332 | Synthesis and Characterization of Unassociated Aluminum Monophosphides. <i>Inorganic Chemistry</i> , 1994, 33, 3205-3207. | 4.0 | 28 |
| 333 | Solid-State ^{119}Sn NMR and Mössbauer Spectroscopy of α -Distannynes: Evidence for Large Structural Differences in the Crystalline Phase. <i>Inorganic Chemistry</i> , 2006, 45, 9132-9136. | 4.0 | 28 |
| 334 | Synthesis and characterization of new, modified terphenyl ligands: Increasing the rotational barrier for flanking rings. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 2540-2545. | 1.8 | 28 |
| 335 | Synthesis and Characterization of the M(II) (M = Ge, Sn, or Pb) Phosphinidene Dimers $\{M(\frac{1}{4}-PAr^*_2)\}_2$ ($Ar^*_2 =$) <i>J. Am. Chem. Soc.</i> 132, 8481-8486 (2010). | 4.0 | 28 |
| 336 | Experimental and Computational Study of Auxiliary Molecular Effects on the Mechanism of the Addition of Hydrazines to a Low-Valent Germanium Complex. <i>Organometallics</i> , 2012, 31, 3768-3772. | 2.3 | 28 |
| 337 | Two-Coordinate, Quasi-Two-Coordinate, and Distorted Three Coordinate, T-Shaped Chromium(II) Amido Complexes: Unusual Effects of Coordination Geometry on the Lowering of Ground State Magnetic Moments. <i>Inorganic Chemistry</i> , 2012, 51, 3212-3219. | 4.0 | 28 |
| 338 | Synthesis, Structural, Spectroscopic, and Magnetic Characterization of Two-Coordinate Cobalt(II) Aryloxides with Bent or Linear Coordination. <i>Inorganic Chemistry</i> , 2014, 53, 2692-2698. | 4.0 | 28 |
| 339 | Reversible Complexation of Lewis Bases to Low-Coordinate Fe(II), Co(II), and Ni(II) Amides: Influence of the Metal, Donor Ligand, and Amide Substituent on Binding Constants. <i>Inorganic Chemistry</i> , 2017, 56, 9892-9902. | 4.0 | 28 |
| 340 | Reversible Complexation of Alkynes by a Germylene. <i>Organometallics</i> , 2019, 38, 1421-1424. | 2.3 | 28 |
| 341 | Molecular Complexes Featuring Unsupported Dispersion-Enhanced Aluminum-Copper and Gallium-Copper Bonds. <i>Journal of the American Chemical Society</i> , 2020, 142, 19874-19878. | 13.7 | 28 |
| 342 | A compound with severely distorted geometry at ligated carbon: synthesis and x-ray crystal structure of $Bi\{CH(SiMe_3)_2\}_3$, a trialkylbismuth complex with high thermal stability. <i>Inorganic Chemistry</i> , 1983, 22, 3421-3424. | 4.0 | 27 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 343 | Reaction of bulky monosubstituted phosphorus(III) halides with disodium pentacarbonylchromate. Steric and electronic factors in the synthesis of Cr(CO) ₅ complexes of diphosphenes, phosphinidenes, phosphanes, diphosphanes, and cyclopolyphosphanes. <i>Journal of the American Chemical Society</i> , 1987, 109, 5693-5698. | 13.7 | 27 |
| 344 | Synthesis and characterization of the lithium organoargentate salts [Li(THF) ₄][Ag(Triph) ₂]·THF and [Li(THF) ₄][Ag(C ₆ H ₃ -2,6-Mes ₂) ₂] ⁺ 1/8OEt ₂ (Triph=C ₆ H ₂ -2,4,6-Ph ₃ ; Mes=C ₆ H ₂ -2,4,6-Me ₃). <i>Journal of Organometallic Chemistry</i> , 1999, 589, 234-238. | 1.8 | 27 |
| 345 | of the Dimetallenes Ar ² MMAr ² (Ar ² =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 672 Td (C₆H₃> | 2.3 | 27 |
| 346 | Synthesis and spectroscopic and structural characterization of the monomeric diborylphosphine and diphosphinoborane compounds PhP(BMes ₂) ₂ and MesB(PPh ₂) ₂ (Mes = Mesityl). <i>Inorganic Chemistry</i> , 1988, 27, 3919-3922. | 4.0 | 26 |
| 347 | Unusual bonding in the secondary aminophosphine [HP{N(SiMe ₃) ₂ }] ₂ : x-ray structures and NMR and IR studies of the main Group V amino compounds HE(NR ₂) ₂ (E = P, As, R = SiMe ₃ ; E = P, R = Ph). <i>Inorganic Chemistry</i> , 1988, 27, 2045-2049. | 4.0 | 26 |
| 348 | In(InTrip₂)₃: ein neuartiger In₄-Cluster mit kurzen In-In-Bindungen und trigonal-planarer Geometrie. <i>Angewandte Chemie</i> , 1996, 108, 2528-2530. | 2.0 | 26 |
| 349 | Multiple Ga-Ga Bonding Character in Na ₂ [Ga(GaTrip ₂) ₃], and a Comparison with Neutral Ga(GaTrip ₂) ₃ (Trip=2,4,6-iPr ₃ C ₆ H ₂). <i>Angewandte Chemie - International Edition</i> , 1998, 37, 3152-3154. | 13.8 | 26 |
| 350 | Synthesis and structural characterization of (THF) ₃ Na{[Sn(C ₆ H ₃ -2,6-Trip ₂) ₂] (Trip=C ₆ H ₂ -2,4,6-i-Pr ₃): effects of cation-anion association on Sn-Sn multiple bonding. <i>Journal of Organometallic Chemistry</i> , 1999, 582, 100-102. | 1.8 | 26 |
| 351 | A Ditetriptyne as a π -Electron Donor: Synthesis and Characterization of [AgAr ² CeGeAr ²] ⁺ SbF ₆ ⁻ and [Ag₂Ar ² CeGe(F)Ar ²] ⁺ SbF ₆ ⁻ (Ar ² =) Tj ETQq1 1 0.784314 rgBT /Overlock | 2.3 | 26 |
| 352 | Reactions of <i>m</i> -Terphenyl-Stabilized Germylene and Stannylene with Water and Methanol: Oxidative Addition versus Arene Elimination and Different Reaction Pathways for Alkyl- and Aryl-Substituted Species. <i>Organometallics</i> , 2015, 34, 5785-5791. | 2.3 | 26 |
| 353 | Tin(II) Hydrides as Intermediates in Rearrangements of Tin(II) Alkyl Derivatives. <i>Journal of the American Chemical Society</i> , 2017, 139, 6596-6604. | 13.7 | 26 |
| 354 | Beyond Steric Crowding: Dispersion Energy Donor Effects in Large Hydrocarbon Ligands. <i>Accounts of Chemical Research</i> , 2022, 55, 1337-1348. | 15.6 | 25 |
| 355 | Isolation and x-ray crystal structure of the lithiated phosphoranide [Li(THF) _x cyclenP] _x and the x-ray crystal and electron diffraction structures of cyclenPH. <i>Inorganic Chemistry</i> , 1988, 27, 3012-3018. | 4.0 | 24 |
| 356 | Synthesis and structural characterization of a novel cluster with a Ga-P framework. <i>Journal of the American Chemical Society</i> , 1991, 113, 3597-3599. | 13.7 | 24 |
| 357 | Tantalum(V) Phosphinidene Complexes as Phospha-Wittig Reagents. <i>Angewandte Chemie International Edition in English</i> , 1993, 32, 850-851. | 4.4 | 23 |
| 358 | Synthesis and Structural Characterization of [(Et ₂ O)Mg] ₆ (NPh) ₄ Br ₄ : A Magnesium-Imide Cage Species Derived from a Dimagnesiumamine Solution. <i>Angewandte Chemie International Edition in English</i> , 1994, 33, 1000-1001. | 4.4 | 23 |
| 359 | Reactivity of Organogallium-Amine Adducts and Gallium Amides toward Some Nonhydrolytic Gel Precursor Mixtures. <i>Chemistry of Materials</i> , 1996, 8, 2745-2750. | 6.7 | 23 |
| 360 | Molecular Cages and Clusters of the Heavier Group 14 Elements (E = Si, Ge, Sn or Pb) of Formula EnRm (n ≠ m)., 2005, , 188-208. | | 23 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 361 | Molecular Zinc Species with Ge ⁺ Zn and Sn ⁺ Zn Bonds: A Reversible Insertion of a Stannylenes into a Zinc ⁺ Carbon Bond. <i>Organometallics</i> , 2016, 35, 2124-2128. | 2.3 | 23 |
| 362 | Syntheses and x-ray crystal structures of highly dissociated rhodium(I) phosphine complexes using very bulky phosphine ligands. <i>Organometallics</i> , 1984, 3, 657-663. | 2.3 | 22 |
| 363 | A primary monomeric alane: [N,N ⁺ -bis(2,6-diisopropylphenyl)pentane-2,4-diiminato-N,N ⁺]dihydroaluminum. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2001, 57, m227-m228. | 0.2 | 22 |
| 364 | N ⁺ H and N=C Bond Formation via Germanium(III) Diradicaloid Intermediates and C ⁺ S Bond Cleavage in Reactions of the Digermynes Ar ⁺ GeAr ⁺ (Ar ⁺ = C ₆ H ₃ -2,6-(C ₆ H ₃ -2,6-Pri) ₂) with Azides. <i>Inorganic Chemistry</i> , 2009, 48, 2464-2470. | 4.0 | 22 |
| 365 | Synthesis and Characterization of Two of the Three Isomers of a Germanium ⁺ Substituted Bicyclo[2.2.0]hexane Diradicaloid: Stretching the Ge ⁺ Ge Bond. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 4593-4597. | 13.8 | 22 |
| 366 | Access to Stable Metalloradical Cations with Unsupported and Isomeric Metal ⁺ Metal Hemi ⁺ Bonds. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 9084-9087. | 13.8 | 22 |
| 367 | Detection of a rotation barrier around a bond between heavier Main Group 3 and 5 elements. <i>Inorganic Chemistry</i> , 1992, 31, 4038-4039. | 4.0 | 21 |
| 368 | Reduction of Digermenes with Alkali Metals: Salts of Formula M ₂ [{Ge(H)Ar ⁺ } ₂] (M = Li, Na, or K, Ar ⁺ =) <i>TJ ETQq0 0 0 rgBT /Overloc</i> 10530-10531. | 13.7 | 21 |
| 369 | Synthesis, structural investigation and thermal properties of a novel manganese complex Mn ₂ (DAT) ₂ Cl ₄ (H ₂ O) ₄ (DAT=1,5-diaminotetrazole). <i>Journal of Hazardous Materials</i> , 2010, 178, 1094-1099. | 12.4 | 21 |
| 370 | Terphenyl Complexes of Molybdenum and Tungsten with Quadruple Metal ⁺ Metal Bonds and Bridging Carboxylate Ligands. <i>Journal of the American Chemical Society</i> , 2014, 136, 9173-9180. | 13.7 | 21 |
| 371 | Isolation and Computational Studies of a Series of Terphenyl Substituted Diplumbynes with Ligand Dependent Lead ⁺ Lead Multiple-Bonding Character. <i>Journal of the American Chemical Society</i> , 2019, 141, 14370-14383. | 13.7 | 21 |
| 372 | [M(NMesBMes ₂) ₂] (M = Cr, Ni), stabile, verzerrt zweifach koordinierte d ⁴ - und d ⁸ -Komplexe. <i>Angewandte Chemie</i> , 1989, 101, 325-327. | 2.0 | 20 |
| 373 | Synthesis and x-ray structures of compounds having very short phosphorus-phosphorus single bonds: how much of the shortening in P-P double bonds is due to p-p .pi.-overlap?. <i>Journal of the American Chemical Society</i> , 1989, 111, 6887-6888. | 13.7 | 20 |
| 374 | Hydroalumination of Alkenes and Alkynes by Primary Aluminum Hydrides under Mild Conditions. <i>Organometallics</i> , 2014, 33, 6232-6240. | 2.3 | 20 |
| 375 | Structural and spectroscopic properties of the cobalt(II) 3,5-di-tert-butylcatecholate tetramer having a distorted Co ₄ O ₄ cubane core. <i>Inorganic Chemistry</i> , 1988, 27, 580-583. | 4.0 | 19 |
| 376 | Synthese und Struktur von [Et ₂ OZn(SC ₆ H ₂ CH ₂ CH ₂ CH ₂ CH ₂ CH ₂ CH ₂) ₂], dem ersten T ⁺ armigen Zink ⁺ Komplex. <i>Angewandte Chemie</i> , 1990, 102, 1484-1485. | 2.0 | 19 |
| 377 | Monomeric Alanes: Synthesis, Structure, and Thermolysis of Mes*Al(H)N(SiMe ₃) ₂ and a One-Pot Synthetic Route to Mes* ₂ AlH (Mes* = ⁺ C ₆ H ₂ -2,4,6-t-Bu ₃). <i>Inorganic Chemistry</i> , 1998, 37, 2106-2109. | 4.0 | 19 |
| 378 | Reaction of cyclopentadienyl zirconium derivatives with sterically encumbered arylaluminum hydrides: X-ray crystal structure of (i ⁺ -5-C ₅ H ₅) ₂ (H)Zr(i ⁺ -4-2-H)ZrAl(H)C ₆ H ₂ -2,4,6-But ₃ . <i>Polyhedron</i> , 1999, 18, 1885-1888. | 2.2 | 19 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 379 | Isolable Borane-Based Diradical and Triradical Fused by a Diamagnetic Transition Metal Ion. <i>Journal of the American Chemical Society</i> , 2017, 139, 17723-17726. | 13.7 | 19 |
| 380 | Synthesis of a Cyclic Co ₂ Sn ₂ Cluster Using a Co ⁺ Synthon. <i>Journal of the American Chemical Society</i> , 2018, 140, 13195-13199. | 13.7 | 19 |
| 381 | Reactions of MCl ₅ (M = niobium or tantalum) with excess phenyllithium: structural characterization of bisbenzynes/polyphenyl derivatives of niobium and tantalum. <i>Journal of the American Chemical Society</i> , 1988, 110, 1966-1968. | 13.7 | 18 |
| 382 | Syntheses and characterization of the gallium-phosphorus cages {(Et ₂ O) ₂ Li}{t-BuGa}{P(t-Bu)} ₂ {Ga(t-Bu)} ₂ and {(t-Bu) ₂ Ga}{t-BuGa}{P(t-Bu)} ₂ {Ga(t-Bu)} ₂ . <i>Organometallics</i> , 1993, 12, 1592-1596. | 2.3 | 18 |
| 383 | Title is missing!. <i>Journal of Cluster Science</i> , 2002, 13, 569-586. | 3.3 | 18 |
| 384 | Synthesis and structure of two lithium terphenyls and a σ -halide rich terphenyl lithium species. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 1638-1644. | 1.8 | 18 |
| 385 | Computational Analysis of π Back-Bonding in Metallylene Isocyanide Complexes R ₂ MCNR ² (M = Si, Ge, Sn; R = t-Bu, Ph; R ² = Me, t-Bu, Ph). <i>Organometallics</i> , 2013, 32, 6690-6700. | 2.3 | 18 |
| 386 | Addition of alkynes to digermynes: experimental insight into the reaction pathway. <i>Dalton Transactions</i> , 2016, 45, 7226-7230. | 3.3 | 18 |
| 387 | Synthesis, Characterization, and Magnetism of Divalent Aryl Transition-Metal Complexes of the Simplest Dialkylamide, NMe ₂ : Rare T-Shaped Coordination at Chromium. <i>Inorganic Chemistry</i> , 2009, 48, 11594-11600. Synthesis and Characterization of the Titanium Bisamide | 4.0 | 17 |

388

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 415 | Eine Verbindung mit Borâ€Arsenâ€Doppelbindung. <i>Angewandte Chemie</i> , 1990, 102, 1061-1062. | 2.0 | 11 |
| 416 | Synthesis and Structure of the Bis(amido)sodate Salt Na[Na{N(SiMe ₃) ₂ AlMe ₃ } ₂]: An Na ⁺ -Ion Complexed Solely by Na ⁺ -H ₃ C ⁻ Interactions. <i>Organometallics</i> , 1996, 15, 4107-4109. | 2.3 | 11 |
| 417 | Synthesis and thermolytic behavior of tin(IV) formates: in search of recyclable metalâ€hydride systems. <i>Dalton Transactions</i> , 2010, 39, 10659. | 3.3 | 11 |
| 418 | Synthesis and characterization of the unusual cluster [Ni ₂ (GaAr [€]) ₂ (μ -1:1- μ -1/4 ² -C ₂ H ₄)]: Ready addition of ethylene to Ni(COD)(GaAr [€]) ₂ at 25Â°C and 1 atmosphere. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 2217-2219. | 1.8 | 11 |
| 419 | Synthesis and Reactions of Novel Boron-Phosphorus Compounds. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1990, 51, 87-91. | 1.6 | 10 |
| 420 | Phosphinidentantal(v)â€Komplexe als Phosphaâ€Wittigâ€Reagentien. <i>Angewandte Chemie</i> , 1993, 105, 893-894. | 2.0 | 10 |
| 421 | Synthesis of the Sterically Related Nickel Gallenediyl Complexes [Ni(CO) ₃ (GaAr [€]) ₂](Ar [€] = $\text{C}_6\text{H}_3\text{-2,6-(C}_6\text{H}_3\text{-2,6-iPr}_2\text{)}_2$) and [Ni(CO) ₃ (GaL)] (L= $\text{HC[C(CH}_3\text{)N(C}_6\text{H}_3\text{-2,6-iPr}_2\text{)}_2\text{]}_2$): Thermal Decomposition of [Ni(CO) ₃ (GaAr [€]) ₂] to give the Cluster [Ni ₄ (CO) ₇ (GaAr [€]) ₃]. <i>Journal of Cluster Science</i> , 2010, 21, 449-460. | 3.3 | 10 |
| 422 | Dispersionâ€Forceâ€Assisted Disproportionation: A Stable Twoâ€Coordinate Copper(II) Complex. <i>Angewandte Chemie</i> , 2016, 128, 10600-10603. | 2.0 | 10 |
| 423 | Reactions of Diphenylsubstituted Digallane Ar [€] ₂ Pr ₄ GaGaAr [€] Pr ₄ (Ar [€] ₂ Pr ₄ Pr ₄ =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 422 Td (C ₆ H ₅) ₃ -2,6 with Transition Metal Carbonyls and Theoretical Investigation of the Mechanism of Addition. <i>Organometallics</i> , 2016, 35, 579-586. | 2.3 | 10 |
| 424 | Germanium Hydride Radical Trapped during the Photolysis/Thermolysis of Diarylgermylene. <i>Inorganic Chemistry</i> , 2019, 58, 15034-15038. | 4.0 | 10 |
| 425 | Two-Coordinate, Late First-Row Transition Metal Amido Derivatives of the Bulky Ligand -N(SiPr [€]) ₃ Dipp (Dipp = 2,6-diisopropylphenyl): Effects of the Ligand on the Stability of Two-Coordinate Copper(II) Complexes. <i>Inorganic Chemistry</i> , 2019, 58, 8793-8799. | 4.0 | 10 |
| 426 | Bulky alkyls and amides of main group 5 elements II. Rotational barriers in phosphorus compounds containing bulky groups. <i>Magnetic Resonance in Chemistry</i> , 1978, 11, 499-501. | 0.7 | 9 |
| 427 | Reactions of crowded secondary phosphines with (.eta. ³ -XC ₃ H ₄)M(1,5-COD) (X = H or Me and M = Rh) Tj ETQq1,1 0.784314 rgBT | 2.3 | 9 |
| 428 | Synthesis and spectroscopic and structural characterization of PhB[P(Mes)BMes ₂] ₂ : a boron-phosphorus analog of the pentadienyl cation. <i>Organometallics</i> , 1992, 11, 98-103. | 2.3 | 9 |
| 429 | [{(Et) ₂ O}Mg] ₆ (NPh) ₄ Br ₄ : eine aus einer Iridobis(magnesiumbromid)â€Lâ€sung erhaltene Magnesiumimidâ€Kâ€fiverbindung. <i>Angewandte Chemie</i> , 1994, 106, 1056-1057. | 2.0 | 9 |
| 430 | Neutron diffraction analysis of the first stable hydride derivative of a divalent group-14 metal. <i>Comptes Rendus Chimie</i> , 2005, 8, 1487-1490. | 0.5 | 9 |
| 431 | Synthesis and molecular structures of the 1,2-dihalogen derivatives of Ga(II) and In(II), [{Gal(ArMe ₆) ₂ }, [{InCl(ArMe ₆) ₂ }] ₂ , [{In(ArMe ₆) ₂ }] ₂ , and [{InCl ₂ (ArMe ₆) ₄ }, ArMe ₆ C ₆ H ₃ -2,6(C ₆ H ₂ -2,4,6-Me ₃) ₂ . <i>Polyhedron</i> , 2013, 58, 144-150. | 2.2 | 9 |
| 432 | Analysis of the Bonding between Two M(μ -1/4-NAr [€]) ₂ Monomers in the Dimeric Metal(II) Imido Complexes {M(μ -1/4-NAr [€]) ₂ } ₂ [M = Si, Ge, Sn, Pb; Ar [€] = C ₆ H ₅ -2,6-(C ₆ H ₅ -2,4,6-R) ₃] ₂ . The Stabilizing Role Played by R = Me and iPr. <i>Inorganic Chemistry</i> , 2014, 53, 2325-2332. | 4.0 | 9 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 433 | Insertion of a Transient Tin Nitride into Carbon-Carbon and Boron-Carbon Bonds. <i>Inorganic Chemistry</i> , 2017, 56, 14596-14604. | 4.0 | 9 |
| 434 | Stable, Monomeric Imides of Aluminum and Gallium: Synthesis and Characterization of. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 2172-2174. | 13.8 | 9 |
| 435 | Synthesis and solid state structures of increasingly sterically crowded 1,4-diiodo-2,3,5,6-tetraarylbenzenes: a new series of bulky benzenes and aryls. <i>New Journal of Chemistry</i> , 2003, 27, 442-445. | 2.8 | 8 |
| 436 | Synthesis and Structural Characterization of a Dimeric Cobalt(I) Homoleptic Alkyl and an Iron(II) Alkyl Halide Complex. <i>Organometallics</i> , 2014, 33, 1917-1920. | 2.3 | 8 |
| 437 | Quasi-Three-Coordinate Iron and Cobalt Terphenoxide Complexes {Ar ⁺ Pr ₈ OM(1/4-O)} ₂ (Ar ⁺ Pr ₈) = Tj ETQq1 1 0.784314 ngB | 4.0 | 8 |
| 438 | 2-Oxepinoxy Relevant to Benzene Oxidation. <i>Inorganic Chemistry</i> , 2015, 54, 8914-8922. Half-Sandwich Metal Carbonyl Complexes as Precursors to Functional Materials: From a Near-Infrared-Absorbing Dye to a Single-Molecule Magnet. <i>Journal of the American Chemical Society</i> , 2017, 139, 12069-12075. | 13.7 | 8 |
| 439 | Two-Coordinate, Nonlinear Vanadium(II) and Chromium(II) Complexes of the Silylamide Ligand N(SiMePh ₂) ₂ : Characterization and Confirmation of Orbitally Quenched Magnetic Moments in Complexes with Sub-d ⁵ Electron Configurations. <i>Inorganic Chemistry</i> , 2021, 60, 4108-4115. | 4.0 | 8 |
| 440 | Inhibition of Alkali Metal Reduction of 1-Adamantanol by London Dispersion Effects. <i>Angewandte Chemie - International Edition</i> , 2022, , . | 13.8 | 8 |
| 441 | Bonding and Metal-Atom Dynamics in Two Unique Sn(I)-Sn(III) Complexes. <i>Inorganic Chemistry</i> , 2005, 44, 9461-9463. | 4.0 | 7 |
| 442 | Preface: Forum on Main-Group Chemistry from Synthesis to Applications. <i>Inorganic Chemistry</i> , 2011, 50, 12221-12222. | 4.0 | 7 |
| 443 | Structural and Magnetic Studies of a Quasi-Inverse Sandwich Cyclooctatetraene Complex with Two High-Spin Chromium(II) Ions Bound Anti-Facially. <i>Organometallics</i> , 2012, 31, 8556-8560. | 2.3 | 6 |
| 444 | Synthesis and characterization of sterically encumbered aluminum thiolato complexes with rare Al/S/halide structural motifs. <i>Polyhedron</i> , 2014, 79, 207-212. | 2.2 | 6 |
| 445 | Characterization of a Monomeric, Homoleptic, Solvent-Free Samarium Bis(aryloxide). <i>Inorganic Chemistry</i> , 2018, 57, 14044-14046. | 4.0 | 6 |
| 446 | Hydrostannylation of carbon dioxide by a hydridostannylene molybdenum complex. <i>Dalton Transactions</i> , 2021, 50, 12555-12562. | 3.3 | 6 |
| 447 | Structural Characterization and Coordination Behavior of 1,2-Diphosphino and 1,2-Diarsino-Diborane(4) Compounds. <i>Main Group Chemistry</i> , 1996, 1, 197-206. | 0.8 | 5 |
| 448 | ipso-and para-Functionalization of meta-terphenyl ligands with substituted methyl groups: Unusual head-to-tail coupling of terphenyl moieties. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 2546-2553. | 1.8 | 5 |
| 449 | Inhibition of Alkali Metal Reduction of 1-Adamantanol by London Dispersion Effects. <i>Angewandte Chemie</i> , 0, , . | 2.0 | 5 |
| 450 | Isolation of the "Open Form" of Cyclenphosphorane by Deprotonation and Reaction with Electrophilic Reagents. <i>Inorganic Chemistry</i> , 1995, 34, 1638-1641. | 4.0 | 4 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 451 | <p>Functionalization of the η^5-Absent Vanadium Oxo $V(\eta^5\text{-O})\{\text{N}(\text{SiMe}_3)_2\}_3$, imido $V(\eta^5\text{-NSiMe}_3)\{\text{N}(\text{SiMe}_3)_2\}_3$, and Imido-Siloxy $V(\eta^5\text{-NSiMe}_3)(\text{OSiMe}_3)\{\text{N}(\text{SiMe}_3)_2\}_2$ Complexes Derived from $V\{\text{N}(\text{SiMe}_3)_2\}_3$ and Kinetic Study of the Spontaneous Conversion of the Oxo Complex into Its Imido-Siloxy Isomer. <i>Inorganic Chemistry</i>, 2020,</p> | 4.0 | 4 |
| 452 | <p>Low-Coordinate Iron Chalcogenolates and Their Complexes with Diethyl Ether and Ammonia. <i>Inorganic Chemistry</i>, 2021, 60, 6712-6720.</p> | 4.0 | 4 |
| 453 | <p>Insertion Reactions of NH_3 and H_2O with the Ferriogermynes $\text{ArGeFeCp}(\text{CO})_2$ ($\text{Ar} = \text{ArMe}_6$) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Polymorphism in a Metallogermylene. <i>Organometallics</i>, 2021, 40, 3472-3479.</p> | 2.3 | 4 |
| 454 | <p>Hydrides, Halides, and Polymers: Some Unexpected Intermediates on the Routes to First-Row Transition Metal $M\{\text{N}(\text{SiMe}_3)_2\}_3$ ($M = \text{V}, \text{Cr}, \text{Fe}$) Complexes. <i>Inorganic Chemistry</i>, 2021, 60, 18503-18511.</p> | 4.0 | 4 |
| 455 | <p>Chlorofunctional 1,3,5,2,4,5-Triazadiphosphinines. <i>Inorganic Syntheses</i>, 2007, , 24-30.</p> | 0.3 | 3 |
| 456 | <p>Synthesis and structural characterization of the neutral μ-bridged, In-In bonded indium(II) amide dimer $[(\text{In}\{\text{N}(\text{Dipp})\text{SiMe}_3\}_2)(\text{C}_4\text{H}_5)]_2$ ($\text{Dipp} = 2,6$) Tj ETQq0 0 0 rgBT /Overl</p> | 0.0 | 0 |
| 457 | <p>Reductions of $M\{\text{N}(\text{SiMe}_3)_2\}_3$ ($M = \text{V}, \text{Cr}, \text{Fe}$): Terminal and Bridging Low-Valent First-Row Transition Metal Hydrido Complexes and η^5-Metallo-Transamination. <i>Inorganic Chemistry</i>, 2021, 60, 11401-11411.</p> | 4.0 | 3 |
| 458 | <p>$\text{N}=\text{N}$ Double-Bond Cleavage and Azobenzene Rearrangement with $\text{C}=\text{C}$ Bond Formation Induced by a Germylene. <i>Organometallics</i>, 2022, 41, 1590-1594.</p> | 2.3 | 3 |
| 459 | <p>Synthesis and x-ray crystal structure of a unique rhodium(I) phosphine complex: a novel intermolecular ring closure to produce a bidentate phosphorus alkyl bound ligand. <i>Organometallics</i>, 1983, 2, 1700-1701.</p> | 2.3 | 2 |
| 460 | <p>A donor-acceptor adduct: sterically encumbered terphenyl dichloro[2,6-bis(2,4,6-triisopropylphenyl)phenyl]dichloro(pyridine)gallium benzene hemisolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i>, 2001, 57, m88-m91.</p> | 0.2 | 2 |
| 461 | <p>Michael Lappert (1928-2014). <i>Angewandte Chemie - International Edition</i>, 2014, 53, 6857-6857.</p> | 13.8 | 2 |
| 462 | <p>Reaction of LiAr</p> | | |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 469 | Preface for the Advances in Main-Group Inorganic Chemistry Forum. <i>Inorganic Chemistry</i> , 2017, 56, 8597-8598. | 4.0 | 1 |
| 470 | The Unusual Structural Behavior of Heteroleptic Aryl Copper(I) Thiolato Molecules: Cis vs Trans Structures and London Dispersion Effects. <i>Organometallics</i> , 2022, 41, 794-801. | 2.3 | 1 |
| 471 | Reusing meta-terphenyl ligands: synthesis, metalation and recycling of 5-pyrrolidino-m-terphenyl. <i>Polyhedron</i> , 2022, , 115947. | 2.2 | 1 |
| 472 | Rings, Clusters and Polymers of Main Group and Transition Elements. Herausgegeben von <i>H. W. Roesky</i> . Elsevier, Amsterdam 1989. 560 S., geb. HFI 350.00€ ISBN 0-444-88172-7. <i>Angewandte Chemie</i> , 1990, 102, 1410-1410. | | 0 |
| 473 | Synthesis of the monomeric HBtrip2 (trip 2,4,6-iso-Pr ₃ C ₆ H ₂) and the x-ray crystal structures of [HBMes ₂] ₂ (Mes = 2,4,6-Me ₃ C ₆ H ₂) and HBtrip2 [Erratum to document cited in CA112(5):35933q]. <i>Organometallics</i> , 1990, 9, 1706-1706. | 2.3 | 0 |
| 474 | Oxidation of 1-(4-substituted phenyl)-2-(4-methylphenyl)diazene – Benzylic substitution vs. C–azo bond breaking. <i>Canadian Journal of Chemistry</i> , 2005, 83, 244-250. | 1.1 | 0 |