

Victor G Young Jr

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | O ₂ Activation by Nonheme Iron Complexes: A Monomeric Fe(III)-Oxo Complex Derived From O ₂ . <i>Science</i> , 2000, 289, 938-941. | 6.0 | 423 |
| 2 | Transformation of Coordinated Dinitrogen by Reaction with Dihydrogen and Primary Silanes. <i>Science</i> , 1997, 275, 1445-1447. | 6.0 | 386 |
| 3 | Synthesis and Structures of Mono- and Bis(amidinate) Complexes of Aluminum. <i>Organometallics</i> , 1997, 16, 5183-5194. | 1.1 | 228 |
| 4 | Crystal Structure of a Synthetic High-Valent Complex with an Fe ₂ ($\frac{1}{4}$ -O) ₂ Diamond Core. Implications for the Core Structures of Methane Monooxygenase Intermediate Q and Ribonucleotide Reductase Intermediate X. <i>Journal of the American Chemical Society</i> , 1999, 121, 5230-5237. | 6.6 | 165 |
| 5 | Cationic Aluminum Alkyl Complexes Incorporating Aminotroponimate Ligands. <i>Journal of the American Chemical Society</i> , 1998, 120, 8277-8278. | 6.6 | 152 |
| 6 | Discrete Yttrium(III) Complexes as Lactide Polymerization Catalysts. <i>Macromolecules</i> , 1999, 32, 2400-2402. | 2.2 | 137 |
| 7 | Three-Coordinate Copper(II)-Phenolate Complexes. <i>Inorganic Chemistry</i> , 2001, 40, 6097-6107. | 1.9 | 124 |
| 8 | Comparison of structurally analogous Zn ₂ , Co ₂ , and Mg ₂ catalysts for the polymerization of cyclic esters. <i>Dalton Transactions</i> , 2006, , 928-936. | 1.6 | 124 |
| 9 | Aluminum Alkyl Complexes Containing Guanidinate Ligands. <i>Organometallics</i> , 1998, 17, 3265-3270. | 1.1 | 116 |
| 10 | Coordination of Rare-Earth Elements in Complexes with Monovacant Wells-Dawson Polyoxoanions. <i>Inorganic Chemistry</i> , 2001, 40, 1894-1901. | 1.9 | 109 |
| 11 | Antineoplastic Agents 430. Isolation and Structure of Cribrostatins 3, 4, and 5 from the Republic of Maldives Cribrochalina Species 1. <i>Journal of Natural Products</i> , 2000, 63, 793-798. | 1.5 | 105 |
| 12 | A Functionalized Polyoxometalate Bearing a Ferrocenylimido Ligand: Preparation and Structure of [(FcN)Mo ₆ O ₁₈] ²⁻ . <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 2547-2548. | 4.4 | 97 |
| 13 | Aluminum Complexes Incorporating Bulky Nitrogen and Sulfur Donor Ligands. <i>Organometallics</i> , 1998, 17, 4042-4048. | 1.1 | 93 |
| 14 | Hydrogen-Bonding Cavities about Metal Ions: Synthesis, Structure, and Physical Properties for a Series of Monomeric M ⁿ⁺ -OH Complexes Derived from Water. <i>Inorganic Chemistry</i> , 2001, 40, 4733-4741. | 1.9 | 88 |
| 15 | Properties, Solution State Behavior, and Crystal Structures of Chelates of DOTMA. <i>Inorganic Chemistry</i> , 2011, 50, 7955-7965. | 1.9 | 86 |
| 16 | Anhydrous Metal Nitrates as Volatile Single Source Precursors for the CVD of Metal Oxide Films. <i>Chemical Vapor Deposition</i> , 1998, 04, 220-222. | 1.4 | 85 |
| 17 | Synthesis and Crystal Structure of the Bis(allyl)calcium Complex [Ca{C ₃ (SiMe ₃) ₂ H ₃ } ₂ ·(thf) ₂]. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 217-219. | 7.2 | 84 |
| 18 | High T _g aliphatic polyesters by the polymerization of spirolactide derivatives. <i>Polymer Chemistry</i> , 2010, 1, 870. | 1.9 | 69 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Plastic Phase Transitions in N-Ethyl-N-methylpyrrolidinium Bis(trifluoromethanesulfonyl)imide. <i>Chemistry of Materials</i> , 2006, 18, 934-938. | 3.2 | 68 |
| 20 | A Diazoalkane Derivative of a Polyoxometalate: Preparation and Structure of [Mo ₆ O ₁₈ (NNC(C ₆ H ₄ OCH ₃)CH ₃) ₂]. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 1145-1146. | 7.2 | 65 |
| 21 | Reactivity of Peroxo- and Bis(1/4-oxo)dicopper Complexes with Catechols. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 207-210. | 7.2 | 64 |
| 22 | Carborane-Containing Liquid Crystals: Synthesis and Structural, Conformational, Thermal, and Spectroscopic Characterization of Diheptyl and Diheptynyl Derivatives of p-Carboranes. <i>Inorganic Chemistry</i> , 2001, 40, 6622-6631. | 1.9 | 62 |
| 23 | Alkyl vs. alkoxy chains on ionic liquid cations. <i>Chemical Communications</i> , 2006, , 3708. | 2.2 | 61 |
| 24 | The Planar Blatter Radical: Structural Chemistry of 1,4-Dihydrobenzo[1,2,4]triazin-4-yls. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 11149-11152. | 7.2 | 60 |
| 25 | Diastereoselective Intramolecular C-H bond Activation by Optically Active Tris(pyrazolyl)hydroborate Complexes of Rhodium. <i>Organometallics</i> , 1996, 15, 4133-4140. | 1.1 | 59 |
| 26 | Crystal Structures of a Family of Silver Cyanide Complexes of Thiourea and Substituted Thioureas. <i>Inorganic Chemistry</i> , 2000, 39, 3479-3484. | 1.9 | 55 |
| 27 | Isostructurality among Five Solvates of Phenylbutazone. <i>Crystal Growth and Design</i> , 2004, 4, 1195-1201. | 1.4 | 55 |
| 28 | Investigations of Electronic Interactions Between closo-Boranes and Triple-Bonded Substituents. <i>Collection of Czechoslovak Chemical Communications</i> , 2002, 67, 1061-1083. | 1.0 | 53 |
| 29 | Crystallographic Evidence for a Sterically Induced Ferryl Tilt in a Non-Heme Oxoiron(IV) Complex that Makes it a Better Oxidant. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 9387-9391. | 7.2 | 53 |
| 30 | The First Structure Determination of a Possible Intermediate in Ruthenium 2,2-Bis(diphenylphosphino)-1,1-binaphthyl Catalyzed Hydrogenation with a Prochiral Group Bound to Ruthenium. Stoichiometric Reaction of a Chiral Ruthenium-Carbon Bond with Dihydrogen Gas. <i>Journal of the American Chemical Society</i> , 1997, 119, 2940-2941. | 6.6 | 51 |
| 31 | A Luminescent Sensor Responsive to Common Oxoacids: X-ray Crystal Structure of [H ₃ O ⁺ ·1,8-Oxybis(ethyleneoxyethyleneoxy)anthracene-9,10-dione]ClO ₄ . <i>Journal of the American Chemical Society</i> , 1997, 119, 12477-12480. | 6.6 | 48 |
| 32 | Sterically Crowded Gallium Amidinate Complexes. <i>Organometallics</i> , 1999, 18, 4619-4623. | 1.1 | 46 |
| 33 | 10-Vertex closo-Boranes as Potential π -Linkers for Electronic Materials. <i>Inorganic Chemistry</i> , 2000, 39, 2243-2245. | 1.9 | 46 |
| 34 | Anionic Amino Acid [closo-1-CB ₉ H ₈ -1-COO-10-NH ₃] ⁻ and Dinitrogen Acid [closo-1-CB ₉ H ₈ -1-COOH-10-N ₂] as Key Precursors to Advanced Materials: Synthesis and Reactivity. <i>Inorganic Chemistry</i> , 2010, 49, 1166-1179. | 1.9 | 46 |
| 35 | Hydrogen-Bonding Cavities about Metal Ions: A Redox Pair of Coordinatively Unsaturated Paramagnetic Co-OH Complexes. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 666-669. | 7.2 | 45 |
| 36 | Dioxygen Reactivity of Fully Reduced [LFeII·CuI]+Complexes Utilizing Tethered Tetraarylporphyrinates: Active Site Models for Heme-Copper Oxidases. <i>Inorganic Chemistry</i> , 1999, 38, 2244-2245. | 1.9 | 43 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | First Paramagnetic Zerovalent Transition Metal Isocyanides. Syntheses, Structural Characterizations, and Magnetic Properties of Novel Low-Valent Isocyanide Complexes of Vanadium ¹ . <i>Journal of the American Chemical Society</i> , 2000, 122, 4678-4691. | 6.6 | 43 |
| 38 | Eight-Coordinate, Stable Fe(II) Complex as a Dual ¹⁹ F and CEST Contrast Agent for Ratiometric pH Imaging. <i>Inorganic Chemistry</i> , 2017, 56, 12206-12213. | 1.9 | 41 |
| 39 | First Isolation and Structural Characterization of Bis(Anthracene)Metal Complexes: [Ti(1-6-C ₁₄ H ₁₀)(1-4-C ₁₄ H ₁₀)(1-2-dmpe)] and [Ti(1-4-C ₁₄ H ₁₀)(1-2-C ₁₄ H ₁₀)(1-5-C ₅ Me ₅)] ⁺ . <i>Angewandte Chemie - International Edition</i> , 1998, 37, 155-158. | 7.2 | 40 |
| 40 | Ligand Elaboration Mediated by a Cp*W(NO) Template: A Stepwise Incorporation of Small Molecules into a Tungsten Vinyl Fragment. <i>Organometallics</i> , 1998, 17, 854-871. | 1.1 | 40 |
| 41 | Using solvent effects to guide the design of a CL-20 cocrystal. <i>CrystEngComm</i> , 2015, 17, 1564-1568. | 1.3 | 40 |
| 42 | Thermodynamic and kinetic studies of H ₂ and N ₂ binding to bimetallic nickel-group 13 complexes and neutron structure of a Ni(1- ² -H ₂) adduct. <i>Chemical Science</i> , 2019, 10, 7029-7042. | 3.7 | 38 |
| 43 | Polar derivatives of the [closo-1-CB ₉ H ₁₀] ⁺ cluster as positive ¹ μ additives to nematic hosts. <i>Journal of Materials Chemistry</i> , 2009, 19, 9204. | 6.7 | 37 |
| 44 | Formal Nickelate(1-) Complexes Supported by Group 13 Ions. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7815-7819. | 7.2 | 37 |
| 45 | A coordination network containing non-coordinating polyoxometalate clusters as counterions. <i>Dalton Transactions</i> , 2003, , 4678. | 1.6 | 36 |
| 46 | Towards Homoleptic Naphthalenemetalates of the Later Transition Metals: Isolation and Characterization of Naphthalenecobaltates(1-). <i>Angewandte Chemie - International Edition</i> , 2006, 45, 7268-7271. | 7.2 | 36 |
| 47 | Syntheses and Structural Characterizations of the First 16-, 17-, and 18-Electron Homoleptic Isocyanide Complexes of Vanadium: A Hexakis(2,6-dimethyl-phenyl isocyanide)vanadium(I, 0, 1). <i>Journal of the American Chemical Society</i> , 1998, 120, 429-430. | 6.6 | 35 |
| 48 | Formation of Novelansa-Carborane ⁺ Alkoxide Complexes by Carbonylation of (C ₅ Me ₅)(1-5-C ₂ B ₉ H ₁₁)TiMe. <i>Organometallics</i> , 1998, 17, 1085-1091. | 1.1 | 35 |
| 49 | Synthesis and Structures ofrac-Me ₂ Si(1-5-1-indenyl) ₂ Hf(NMe ₂) ₂ and {Me ₂ Si(1-5-1-indenyl)(1-3-2-indenyl)}Hf(NMe ₂) ₂ . <i>Organometallics</i> , 1997, 16, 3044-3050. | 1.1 | 33 |
| 50 | Syntheses and Structures of Quinuclidine-Stabilized Amido- and Azidogallanes. <i>Inorganic Chemistry</i> , 2000, 39, 1705-1709. | 1.9 | 33 |
| 51 | [closo-B ₁₀ H ₁₀] ²⁺ as a structural element for quadrupolar liquid crystals: a new class of liquid crystalline NLO chromophores. <i>Journal of Materials Chemistry C</i> , 2013, 1, 1144-1159. | 2.7 | 33 |
| 52 | First Homoleptic Isocyanides of Niobium and Tantalum ¹ . <i>Journal of the American Chemical Society</i> , 1999, 121, 9237-9238. | 6.6 | 31 |
| 53 | Synthesis, Isolation, and Characterization of Trisodium Tricarbonyliridate (3 ⁻), Na ₃ [Ir(CO) ₃]. Initial Studies on Its Derivative Chemistry, and Structural Characterizations oftrans-[Ir(CO) ₃ (EPh ₃) ₂]-, E = Ge, Sn, andtrans-[Co(CO) ₃ (SnPh ₃) ₂]-. <i>Inorganic Chemistry</i> , 2001, 40, 5279-5284. | 1.9 | 31 |
| 54 | Tuning aurophilic interactions in dinuclear phosphinegold(i) thiolates containing hydrogen bonding functionalities. <i>CrystEngComm</i> , 2002, 4, 517. | 1.3 | 29 |

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|----|--|-----|-----------|
| 55 | Chloride sensing via suppression of excited state intramolecular proton transfer in squaramides. <i>Chemical Communications</i> , 2013, 49, 1633. | 2.2 | 29 |
| 56 | Ein funktionalisiertes Polyoxometallat mit einem Ferrocenylimido-Liganden: Herstellung und Struktur von $[(\text{FcN})\text{Mo}_6\text{O}_{18}]^{2-}$. <i>Angewandte Chemie</i> , 1995, 107, 2751-2753. | 1.6 | 28 |
| 57 | Polynuclear Carboxylato-Bridged Iron(II) Clusters: Synthesis, Structure, and Host-Guest Chemistry. <i>Inorganic Chemistry</i> , 2000, 39, 1831-1833. | 1.9 | 28 |
| 58 | Dome-distortion and fluorine-lined channels: synthesis, and molecular and crystal structure of a metal- and H bonds-free fluorophthalocyanine. <i>Chemical Communications</i> , 2003, , 1576-1577. | 2.2 | 27 |
| 59 | Tris(1,4-anthracene)niobate(1 ⁻), the first polyaromatic hydrocarbon complex of niobium. <i>Chemical Communications</i> , 2002, , 2356. | 2.2 | 26 |
| 60 | π -Stacking interactions in some crystalline cisoid E,E-1,4-diaryl-1,3-butadienes. <i>Chemical Communications</i> , 2003, , 1904-1905. | 2.2 | 25 |
| 61 | Efficient preparation of 1,4,8-trimethylcyclam and its conversion into a thioalkyl-pendant pentadentate chelate. <i>Chemical Communications</i> , 2003, , 2894. | 2.2 | 24 |
| 62 | Synthesis and Characterization of Quinuclidinium Derivatives of the [closo-1-CB ₁₁ H ₁₂] ⁺ Anion as Potential Polar Components of Liquid Crystal Materials. <i>Inorganic Chemistry</i> , 2016, 55, 4016-4025. | 1.9 | 24 |
| 63 | Partial Fluorination as a Strategy for Crystal Engineering of Rubrene Derivatives. <i>Crystal Growth and Design</i> , 2017, 17, 643-658. | 1.4 | 24 |
| 64 | Structural and magnetic properties of vanadyl dichloride solvates: from molecular units to extended hydrogen-bonded solids. <i>Dalton Transactions</i> , 2004, , 224. | 1.6 | 23 |
| 65 | Investigation of (<i>S</i>)-(β)-Acidomycin: A Selective Antimycobacterial Natural Product That Inhibits Biotin Synthase. <i>ACS Infectious Diseases</i> , 2019, 5, 598-617. | 1.8 | 22 |
| 66 | Novel Alkoxo- and Aryloxotitanium Carbonyls. Structural Characterization of $[\text{Ti}(\text{CO})_4(\text{1/4-OPh})_2]_2$. <i>Journal of the American Chemical Society</i> , 1997, 119, 5980-5981. | 6.6 | 20 |
| 67 | B. Proton localization in hydrogen bonds: The proton potential function and dynamics in sodium hydrogen bis(4-nitrophenoxide) dihydrate. <i>Zeitschrift Fur Elektrotechnik Und Elektrochemie</i> , 1998, 102, 370-376. | 0.9 | 20 |
| 68 | Hydrothermal Synthesis and Structural Characterization of Four Scandium Phosphate Frameworks. <i>Chemistry of Materials</i> , 2003, 15, 3818-3825. | 3.2 | 20 |
| 69 | Ring-Fused 1,4-Dihydro[1,2,4]triazin-4-yls through Photocyclization. <i>Organic Letters</i> , 2020, 22, 3835-3840. | 2.4 | 20 |
| 70 | Crystal Structures of DOTMA Chelates from Ce ³⁺ to Yb ³⁺ : Evidence for a Continuum of Metal Ion Hydration States. <i>Chemistry - A European Journal</i> , 2019, 25, 9997-10005. | 1.7 | 19 |
| 71 | Trityltitanium Complexes. X-ray Structural Characterization of $[\text{Ti}(\text{CO})_4\{\text{1/5-C(4-C}_6\text{H}_4\text{R)}_3\}]$ (R = H, Tj ETQq1 1 0.784314 rgBT/Overlo | 1.1 | 18 |
| 72 | Syntheses and Structural Characterizations of cis-[M(NO) ₂ (CNXyl) ₄] ⁺ (M = Nb, Ta; Xyl = 2,6-Me ₂ C ₆ H ₃). The First Dinitrosyls of Niobium and Tantalum. <i>Organometallics</i> , 1999, 18, 2744-2746. | 1.1 | 18 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | Composition, stability, and structure of a new member of the aenigmatite group, Na ₂ Mg (sub 4+x) Fe (super 3+) (sub 2-2x) Si (sub 6+x) O ₂₀ , synthesized at 13-14 GPa. American Mineralogist, 1999, 84, 257-266. | 0.9 | 17 |
| 74 | Aluminum ansa-Indenyl Compounds. Synthesis, Structures, Dynamic Properties, and Application in the Synthesis of Group 4 ansa-Metallocenes. Organometallics, 1999, 18, 5347-5359. | 1.1 | 16 |
| 75 | Crystallographic Evidence for a Sterically Induced Ferryl Tilt in a Non-Heme Oxoiron(IV) Complex that Makes it a Better Oxidant. Angewandte Chemie, 2018, 130, 9531-9535. | 1.6 | 16 |
| 76 | Effect of Spin-Orbit Coupling on Phonon-Mediated Magnetic Relaxation in a Series of Zero-Valent Vanadium, Niobium, and Tantalum Isocyanide Complexes. Inorganic Chemistry, 2021, 60, 18553-18560. | 1.9 | 15 |
| 77 | Kristallstrukturanalyse eines synthetischen Nicht-Edelstoffs: Einblick in den Mechanismus der Sauerstoffaktivierung. Angewandte Chemie, 1996, 108, 673-676. | 1.6 | 14 |
| 78 | Crystal Structures of Nitronium Tetranitratogallate and Its Reversible Solid-State Phase Transition Mediated by Nonmerohedral Twinning. Inorganic Chemistry, 2000, 39, 4621-4624. | 1.9 | 14 |
| 79 | Conformational effects on mesophase stability: numerical comparison of carborane diester homologous series with their bicyclo[2.2.2]octane, cyclohexane and benzene analogues. Liquid Crystals, 2008, 35, 1169-1190. | 0.9 | 14 |
| 80 | Structural Properties of the Acidification Products of Scandium Hydroxy Chloride Hydrate. Inorganic Chemistry, 2015, 54, 11831-11841. | 1.9 | 14 |
| 81 | Synthesis, electrochemical properties, and crystal packing of perfluororubrene. Chemical Communications, 2016, 52, 8127-8130. | 2.2 | 14 |
| 82 | Redox Pairs of Diiron and Iron-Cobalt Complexes with High-Spin Ground States. Inorganic Chemistry, 2016, 55, 9725-9735. | 1.9 | 13 |
| 83 | Partial Dehydration of Levothyroxine Sodium Pentahydrate in a Drug Product Environment: Structural Insights into Stability. Molecular Pharmaceutics, 2020, 17, 3915-3929. | 2.3 | 13 |
| 84 | Influence of Copper Oxidation State on the Bonding and Electronic Structure of Cobalt-Copper Complexes. Inorganic Chemistry, 2015, 54, 11330-11338. | 1.9 | 12 |
| 85 | Selective modification of the metal coordination environment in heavy alkaline-earth iodide complexes. New Journal of Chemistry, 2016, 40, 8229-8238. | 1.4 | 12 |
| 86 | Elaborate Network of Hydrolysis and Methanolysis Reactions Involving the 2,5-Dimethylthiophene Ligand in Cp*Ir(1-5-2,5-Me2T)2+. Organometallics, 2004, 23, 1274-1283. | 1.1 | 11 |
| 87 | Synthesis and structural studies of tris-2-chlorobenzylamine and tris-2-bromobenzylamine. Journal of Chemical Crystallography, 2005, 35, 177-181. | 0.5 | 11 |
| 88 | (2-(Dimethylammonium)ethyl)cyclopentadienyltricarbonylmetalates: A Group VI Metal Zwitterions. Attenuation of the Brønsted Basicity and Nucleophilicity of Formally Anionic Metal Centers. Organometallics, 2005, 24, 5116-5126. | 1.1 | 11 |
| 89 | Ta(CNDipp) ₆ : An Isocyanide Analogue of Hexacarbonyltantalum(0). Angewandte Chemie - International Edition, 2017, 56, 10577-10581. | 7.2 | 11 |
| 90 | Synthesis, Structural Analysis, and Functional Group Interconversion in the [closo-10-B ₁₀ H ₈ -1,10-X ₂] ²⁺ (X = CN) ₂ ETQq0,0 0 rgBT | 1.0 | 11 |
| | European Journal of Inorganic Chemistry, 2020, 2020, 3083-3093. | | |

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|-----|---|-----|-----------|
| 91 | Synthesis, Structure, Dynamic Properties, and Indenyl Transfer Reactions of {AlMe ₂ (THF)(indenyl)} ₂ SiMe ₂ . <i>Organometallics</i> , 1998, 17, 281-283. | 1.1 | 10 |
| 92 | The Planar Blatter Radical: Structural Chemistry of 1,4-dihydrobenzo[<i>c</i>][1,2,4]triazin-4-yls. <i>Angewandte Chemie</i> , 2016, 128, 11315-11318. | 1.6 | 10 |
| 93 | Scorpionato Halide Complexes [(Tp ^{Ph,Me})Ni ^X] [X = Cl, Br, I; Tp ^{Ph,Me} = Hydrotris(3-phenyl-5-methyl-1-pyrazolyl)borate]: Structures, Spectroscopy, and Pyrazole Adducts. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 458-467. | 1.0 | 9 |
| 94 | Illustrating the Utility of X-ray Crystallography for Structure Elucidation through a Tandem Aldol Condensation/Diels-Alder Reaction Sequence. <i>Journal of Chemical Education</i> , 2015, 92, 1381-1384. | 1.1 | 9 |
| 95 | Structural Characterization of Thermo-chromic and Spin Equilibria in Solid-State Ni(detu) ₄ Cl ₂ (detu = N ₂ -Diethylthiourea). <i>Inorganic Chemistry</i> , 2016, 55, 1469-1479. | 1.9 | 8 |
| 96 | Electronic structure and reactivity studies of a nonsymmetric one-electron oxidized CuII bis-phenoxide complex. <i>Inorganica Chimica Acta</i> , 2018, 481, 151-158. | 1.2 | 8 |
| 97 | Formal Nickelate(II) Complexes Supported by Group 13 Ions. <i>Angewandte Chemie</i> , 2018, 130, 7941-7945. | 1.6 | 8 |
| 98 | Zerovalent titanium-sulfur complexes. Novel dithiocarbamate derivatives of Ti(CO) ₆ : [Ti(CO) ₄ (S ₂ CNR ₂) ₂]. <i>Chemical Communications</i> , 2007, , 2639-2641. | 2.2 | 7 |
| 99 | Steric and electronic effects on arylthiolate coordination in the pseudotetrahedral complexes [(Tp ^{Ph,Me})Ni ^{SAr}] (Tp ^{Ph,Me} = hydrotris{3-phenyl-5-methyl-1-pyrazolyl}borate). <i>Dalton Transactions</i> , 2014, 43, 17489-17499. | 1.6 | 7 |
| 100 | Group VI metal complexes of tris(diphenylphosphinomethyl)phenylborate: modulation of ligand donation via coordination of M(CO) ₃ units at the borate phenyl substituent. <i>Dalton Transactions</i> , 2015, 44, 3737-3744. | 1.6 | 7 |
| 101 | Syntheses of PDE3A inhibitor ORG9935 and determination of the absolute stereochemistries of its enantiomers by X-ray crystallography. <i>Tetrahedron</i> , 2018, 74, 2769-2774. | 1.0 | 7 |
| 102 | Thymine cocrystals based on DNA-inspired binding motifs. <i>CrystEngComm</i> , 2017, 19, 5679-5685. | 1.3 | 6 |
| 103 | Inductive modulation of tris(phosphinomethyl)phenylborate donation at group VI metals via borate phenyl substituent modification. <i>Dalton Transactions</i> , 2018, 47, 6166-6176. | 1.6 | 6 |
| 104 | Crystal structures and spectroscopic characterization of M ₂ Br ₂ (CNXyl) _n (M = Fe and Co, n = 4; M = Ni, n = 2; Xyl = 2,6-dimethylphenyl), and of formally zero-valent iron as a cocrystal of Fe(CNXyl) ₅ and Fe ₂ (CNXyl) ₉ . <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2019, 75, 1118-1127. | 0.2 | 6 |
| 105 | Unmasking Steps in Intramolecular Aromatic Hydroxylation by a Synthetic Nonheme Oxoiron(IV) Complex. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 20991-20998. | 7.2 | 6 |
| 106 | One-electron bonds in copper-aluminum and copper-gallium complexes. <i>Chemical Science</i> , 2022, 13, 6525-6531. | 3.7 | 6 |
| 107 | Reversible facile single-crystal-to-single-crystal polymorphic transition accompanied by unit cell volume expansion and twinning. <i>CrystEngComm</i> , 2021, 23, 2648-2653. | 1.3 | 5 |
| 108 | Niobium isocyanide complexes, Nb(CNAr) ₆ , with Ar = 2,6-dimethylphenyl (Xyl), a diamagnetic dimer containing four reductively coupled isocyanides, and Ar = 2,6-diisopropylphenyl (Dipp), a paramagnetic monomer analogous to the highly unstable hexacarbonylniobium(0). <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2019, 75, 1259-1265. | 0.2 | 5 |

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|-----|---|-----|-----------|
| 109 | Crystal and molecular structure of 569-1569-1569-1, C ₁₂ H ₁₆ O ₅ Fe. Journal of Chemical Crystallography, 1996, 26, 569-571. | 0.5 | 4 |
| 110 | A Highly Stabilized Phosphonium Ylide that Forms Supramolecular Dimers in Solution and the Solid State. Chemistry - A European Journal, 2019, 25, 15257-15261. | 1.7 | 4 |
| 111 | Unexpectedly Stable (Chlorocarbonyl)(<i>N</i> -ethoxycarbonylcarbamoyl)disulfane, and Related Compounds That Model the Zumachê“Weissê“KÄ¼hle (ZWK) Reaction for Synthesis of 1,2,4-Dithiazolidine-3,5-diones. Journal of Organic Chemistry, 2015, 80, 11313-11321. | 1.7 | 3 |
| 112 | The impact of vinylene bridges and side chain alkyl groups on the solid state structures of tricyanovinyl-substituted thiophenes. CrystEngComm, 2018, 20, 128-132. | 1.3 | 3 |
| 113 | Hydrogen-Bonding Cavities about Metal Ions: A Redox Pair of Coordinatively Unsaturated Paramagnetic Coê“OH Complexes. , 1999, 38, 666. | | 3 |
| 114 | Syntheses and crystal structures of new naphthaleneê“ and anthraceneê“vanadate salts and an unprecedented dimetallabis(anthracene) sandwich complex: [Na(tetrahydrofuran) ₃][V ₂ (anthracene) ₂]. Acta Crystallographica Section C, Structural Chemistry, 2022, 78, 148-163. | 0.2 | 3 |
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