

Thomas Weyhermüller

List of Publications by Year in descending order

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12415
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Electronic Structure of Bis(o-aminobenzosemiquinonato)metal Complexes (Cu, Ni, Pd). The Art of Establishing Physical Oxidation States in Transition-Metal Complexes Containing Radical Ligands. <i>Journal of the American Chemical Society</i> , 2001, 123, 2213-2223. | 6.6 | 560 |
| 2 | Aerobic Oxidation of Primary Alcohols (Including Methanol) by Copper(II) and Zinc(II) Phenoxyl Radical Catalysts. <i>Journal of the American Chemical Society</i> , 1999, 121, 9599-9610. | 6.6 | 403 |
| 3 | Molecular and Electronic Structures of Bis(pyridine-2,6-diimine)metal Complexes [ML ₂](PF ₆) _n (n = 0, 1). <i>Journal of the American Chemical Society</i> , 2001, 123, 10784-10791. | 1.9 | 316 |
| 4 | Mononuclear (Nitrido)iron(V) and (Oxo)iron(IV) Complexes via Photolysis of [(cyclam-acetato)Fe(III)(N ₃)] ⁺ and Ozonolysis of [(cyclam-acetato)Fe(III)(O ₃ SCF ₃)] ⁺ in Water/Acetone Mixtures. <i>Inorganic Chemistry</i> , 2000, 39, 5306-5317. | 1.9 | 301 |
| 5 | Aerobic Oxidation of Primary Alcohols by a New Mononuclear Cu(II)-Radical Catalyst. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 1095-1098. | 7.2 | 280 |
| 6 | Electronic Structure of Square Planar Bis(benzene-1,2-dithiolato)metal Complexes [M(L) ₂](z = 2 ⁺ , 1 ⁺). <i>Journal of the American Chemical Society</i> , 2005, 127, 5345-5360. | 1.9 | 266 |
| 7 | Neutral Bis(1-aminopyridine)metal Complexes of the First-Row Transition Ions (Cr, Mn, Fe, Co, Ni, Zn) and Their Monocationic Analogues: Mixed Valency Involving a Redox Noninnocent Ligand System. <i>Journal of the American Chemical Society</i> , 2008, 130, 3181-3197. | 6.6 | 254 |
| 8 | Oxidative DNA cleavage mediated by a new copper (II) terpyridine complex: Crystal structure and DNA binding studies. <i>Journal of Inorganic Biochemistry</i> , 2005, 99, 2299-2307. | 1.5 | 246 |
| 9 | Molecular and Electronic Structures of Bis-(o-diiminobenzosemiquinonato)metal(II) Complexes (Ni). <i>Journal of the American Chemical Society</i> , 2003, 125, 9116-9128. | 6.6 | 235 |
| 10 | Molecular and Electronic Structure of Four- and Five-Coordinate Cobalt Complexes Containing Two-Phenylenediamine- or Two-Aminophenol-Type Ligands at Various Oxidation Levels: An Experimental, Density Functional, and Correlated ab initio Study. <i>Chemistry - A European Journal</i> , 2005, 11, 204-224. | 1.7 | 213 |
| 11 | Photolysis of cis- and trans-[Fe(III)(cyclam)(N ₃) ₂] ⁺ Complexes: Spectroscopic Characterization of a Nitridoiron(V) Species. <i>Journal of the American Chemical Society</i> , 1999, 121, 4859-4876. | 6.6 | 206 |
| 12 | Cobalt complexes of terpyridine ligand: Crystal structure and photocleavage of DNA. <i>Journal of Inorganic Biochemistry</i> , 2007, 101, 434-443. | 1.5 | 203 |
| 13 | Structural, Spectroscopic, and Computational Study of an Octahedral, Non-Heme {Fe(II)NO}6-8 Series: [Fe(NO)(cyclam-ac)] ₂ ^{+/0} . <i>Journal of the American Chemical Society</i> , 2004, 126, 5138-5153. | 6.6 | 195 |
| 14 | Molecular and Electronic Structure of Octahedral o-Aminophenolato and o-Iminobenzosemiquinonato Complexes of V(V), Cr(III), Fe(III), and Co(III). Experimental Determination of Oxidation Levels of Ligands and Metal Ions. <i>Inorganic Chemistry</i> , 2001, 40, 4157-4166. | 1.9 | 182 |
| 15 | The Electronic Structure of the Isoelectronic, Square-Planar Complexes [Fe(L) ₂] ₂ and [Co(LBu) ₂] ₂ -(L ₂ - and (LBu) ₂ - Benzene-1,2-dithiolates): An Experimental and Density Functional Theoretical Study. <i>Journal of the American Chemical Society</i> , 2005, 127, 4403-4415. | 6.6 | 176 |
| 16 | Experimental Evidence for the Noninnocence of o-Aminothiophenolates: Coordination Chemistry of o-Iminothionebenzosemiquinonato(1-) Radicals with Ni(II), Pd(II), Pt(II). <i>Journal of the American Chemical Society</i> , 2001, 123, 10012-10023. | 6.6 | 170 |
| 17 | Phenoxyl Radical Complexes of Zinc(II). <i>Journal of the American Chemical Society</i> , 1997, 119, 8889-8900. | 6.6 | 167 |
| 18 | Identification of a spin-coupled Mo(III) in the nitrogenase iron-molybdenum cofactor. <i>Chemical Science</i> , 2014, 5, 3096-3103. | 3.7 | 164 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | [L ₂ Mn ₂ (μ-O) ₂ (μ-O ₂)](ClO ₄) ₂ . The first binuclear (μ-peroxo)dimanganese(IV) complex (L = Tj ETQq1 1 0.784314 rgBT /Overlo oxygen-evolving complex in photosynthesis. <i>Journal of the American Chemical Society</i> , 1990, 112, 6387-6388. | 6.6 | 157 |
| 20 | Property-Oriented Rational Design of Single-Molecule Magnets: AC ₃ -Symmetric Mn ₆ Cr Complex based on Three Molecular Building Blocks with a Spin Ground State of S _T =21/2. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 6033-6037. | 7.2 | 150 |
| 21 | Complex Formation of ICL670 and Related Ligands with Fe ^{III} and Fe ^{II} . <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 4177-4192. | 1.0 | 149 |
| 22 | Dinuclear and mononuclear manganese(IV)-radical complexes and their catalytic catecholase activity. <i>Dalton Transactions</i> , 2004, , 3842-3853. | 1.6 | 145 |
| 23 | The Electronic Structures of an Isostructural Series of Octahedral Nitrosyliron Complexes {Fe ^{II} NO} _{6,7,8} Elucidated by Mössbauer Spectroscopy. <i>Journal of the American Chemical Society</i> , 2000, 122, 4352-4365. | 6.6 | 144 |
| 24 | Electronic and Molecular Structures of the Members of the Electron Transfer Series [Cr(^η -t ₃ bpy) ₃] ⁿ⁺ (ⁿ = 3+, 2+, 1+, 0): An X-ray Absorption Spectroscopic and Density Functional Theoretical Study. <i>Inorganic Chemistry</i> , 2011, 50, 12446-12462. | 1.9 | 142 |
| 25 | X-ray Emission Spectroscopy To Study Ligand Valence Orbitals in Mn Coordination Complexes. <i>Journal of the American Chemical Society</i> , 2009, 131, 13161-13167. | 6.6 | 135 |
| 26 | o-Iminobenzosemiquinonato(1 ⁻) and o-Amidophenolato(2 ⁻) Complexes of Palladium(II) and Platinum(II): A Combined Experimental and Density Functional Theoretical Study. <i>Inorganic Chemistry</i> , 2002, 41, 4295-4303. | 1.9 | 127 |
| 27 | Square Planar vs Tetrahedral Coordination in Diamagnetic Complexes of Nickel(II) Containing Two Bidentate π -Radical Monoanions. <i>Inorganic Chemistry</i> , 2005, 44, 3636-3656. | 1.9 | 126 |
| 28 | Single-Atom O-Bridged Urea in a Dinickel(II) Complex together with Ni ^{II} , Cu ^{II} and Cu ^{II} Complexes of a Pentadentate Phenol-Containing Schiff Base with (O,N,O,N,O)-Donor Atoms. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 863-875. | 1.0 | 125 |
| 29 | Experimental Fingerprints for Redox-Active Terpyridine in [Cr(tpy) ₂](PF ₆) ₆ (ⁿ = 3 ⁺), and the Remarkable Electronic Structure of [Cr(tpy) ₂] ¹⁺ . <i>Inorganic Chemistry</i> , 2012, 51, 3718-3732. | 1.9 | 125 |
| 30 | Electronic Structure of Antiferromagnetically Coupled Dinuclear Manganese (Mn ^{III} Mn ^{IV}) Complexes Studied by Magnetic Resonance Techniques. <i>Journal of the American Chemical Society</i> , 1998, 120, 13104-13120. | 6.6 | 120 |
| 31 | A Tetracopper(II)-Tetradical Cuboidal Core and Its Reactivity as a Functional Model of Phenoxazinone Synthase. <i>Inorganic Chemistry</i> , 2007, 46, 9895-9905. | 1.9 | 117 |
| 32 | Phenoxy-copper(II) complexes: models for the active site of galactose oxidase. <i>Journal of Biological Inorganic Chemistry</i> , 1997, 2, 444-453. | 1.1 | 114 |
| 33 | Phenylthiyl Radical Complexes of Gallium(III), Iron(III), and Cobalt(III) and Comparison with Their Phenoxy Analogues. <i>Journal of the American Chemical Society</i> , 2001, 123, 6025-6039. | 6.6 | 114 |
| 34 | Phenoxy Radical Complexes of Gallium, Scandium, Iron and Manganese. <i>Chemistry - A European Journal</i> , 1997, 3, 308-319. | 1.7 | 112 |
| 35 | Bis(π -diimine)nickel Complexes: Molecular and Electronic Structure of Three Members of the Electron-Transfer Series [Ni(L) ₂] ^z (z = 0, 1+, 2+) (L = 2-Phenyl-1,4-bis(isopropyl)-1,4-diazabutadiene). A Combined Experimental and Theoretical Study. <i>Inorganic Chemistry</i> , 2007, 46, 5327-5337. | 1.9 | 112 |
| 36 | Nitridocyanometalates of Cr ^V , Mn ^V , and Mn ^{VI} . <i>Inorganic Chemistry</i> , 1998, 37, 1767-1775. | 1.9 | 110 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Tuning the Electronic Structure of Halido-bis(o-imino-benzosemiquinonato)iron(III) Complexes. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 2489-2492. | 7.2 | 110 |
| 38 | Tuning the Oxidation Level, the Spin State, and the Degree of Electron Delocalization in Homo- and Heteroleptic Bis(±-diimine)iron Complexes. <i>Journal of the American Chemical Society</i> , 2009, 131, 1208-1221. | 6.6 | 109 |
| 39 | Biomimetic metal-radical reactivity: aerial oxidation of alcohols, amines, aminophenols and catechols catalyzed by transition metal complexes. <i>Biological Chemistry</i> , 2005, 386, 1023-33. | 1.2 | 106 |
| 40 | Redox-Noninnocence of the S,S'-Coordinated Ligands in Bis(benzene-1,2-dithiolato)iron Complexes. <i>Journal of the American Chemical Society</i> , 2005, 127, 5641-5654. | 6.6 | 104 |
| 41 | Molecular and Electronic Structures of Tetrahedral Complexes of Nickel and Cobalt Containing N,N'-Disubstituted, Bulky-Diiminobenzosemiquinonate(1 ⁻) Radical Ligands. <i>Inorganic Chemistry</i> , 2006, 45, 6298-6307. | 1.9 | 104 |
| 42 | Manganese-catalyzed hydroboration of carbon dioxide and other challenging carbonyl groups. <i>Nature Communications</i> , 2018, 9, 4521. | 5.8 | 104 |
| 43 | 1,2-Bis(pyridine-2-carboxamido)benzenate(2 ⁻), (bpb)2 ⁻ : A Noninnocent Ligand. Syntheses, Structures, and Mechanisms of Formation of [(n-Bu)4N][FeIV2(1 ^{1/2} -N)(bpb)2(X)2] (X = CN ⁻ , N3 ⁻) and the Electronic Structures of [MIII(bpbox1)(CN)2] (M = Co, Fe). <i>Inorganic Chemistry</i> , 2000, 39, 3355-3364. | 1.9 | 102 |
| 44 | Tuning the Electronic Structure of Octahedral Iron Complexes [FeL(X)] (L = 1-Alkyl-4,7-bis(4-tert-butyl-2-mercaptobenzyl)-1,4,7-triazacyclononane, X = Cl, CH3O, CN, NO). The S=1/2 ↔ S=3/2 Spin Equilibrium of [FeLPr(NO)]. <i>Inorganic Chemistry</i> , 2002, 41, 3444-3456. | 1.9 | 102 |
| 45 | A Functional [NiFe]-Hydrogenase Model Compound That Undergoes Biologically Relevant Reversible Thiolate Protonation. <i>Journal of the American Chemical Society</i> , 2012, 134, 20745-20755. | 6.6 | 101 |
| 46 | Exchange and Double-Exchange Phenomena in Linear Homo- and Heterotrinary Nickel(II,III,IV) Complexes Containing Six 1/2-Phenolato or 1/2-Thiophenolato Bridging Ligands. <i>Journal of the American Chemical Society</i> , 1996, 118, 12376-12390. | 6.6 | 100 |
| 47 | Why Does the Active Form of Galactose Oxidase Possess a Diamagnetic Ground State?. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 616-619. | 7.2 | 100 |
| 48 | Organometallic 1 ² -turn mimetics. A structural and spectroscopic study of inter-strand hydrogen bonding in ferrocene and cobaltocenium conjugates of amino acids and dipeptides. <i>Dalton Transactions</i> , 2003, , 210. | 1.6 | 100 |
| 49 | Noninnocence of the Ligand Glyoxal-bis(2-mercaptoanil). The Electronic Structures of [Fe(gma)2], [Fe(gma)(py)] ⁺ py, [Fe(gma)(CN)] ¹⁻ 0, [Fe(gma)I], and [Fe(gma)(PR3)n] (n = 1, 2). Experimental and Theoretical Evidence for an Excited State Coordination. <i>Journal of the American Chemical Society</i> , 2003, 125, 1293-1308. | 6.6 | 99 |
| 50 | Tetradentate Bis(o-iminobenzosemiquinonate(1 ⁻)) Radical Ligands and Their o-Aminophenolate(1 ⁻) Derivatives in Complexes of Nickel(II), Palladium(II), and Copper(II). <i>Inorganic Chemistry</i> , 2004, 43, 2922-2931. | 1.9 | 99 |
| 51 | [Tris(o-iminosemiquinone)cobalt(III)] ⁺ a radical complex with an S = 3/2 ground state. <i>Chemical Communications</i> , 1999, , 1747-1748. | 2.2 | 98 |
| 52 | [ReF ₆] ²⁻ : A Robust Module for the Design of Molecule-Based Magnetic Materials. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 1351-1354. | 7.2 | 98 |
| 53 | Syntheses, Structures, and Magnetic Properties of Diphenoxo-Bridged Cu ^{II} /Ln ^{III} and Ni ^{II} /Ln ^{III} Compounds Derived from a Compartmental Ligand (Ln = Tj ETQq19l 0.784914 rgBT | | |
| 54 | Hidden Noninnocence: Theoretical and Experimental Evidence for Redox Activity of a 1 ² -Diketiminato(1 ⁻) Ligand. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 1652-1655. | 7.2 | 96 |

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|----|---|-----|-----------|
| 55 | Nitridomanganese(V) and -(VI) Complexes Containing Macrocyclic Amine Ligands. <i>Journal of the American Chemical Society</i> , 1998, 120, 7260-7270. | 6.6 | 95 |
| 56 | o-Iminobenzosemiquinonato Complexes of Mn(III) and Mn(IV). Synthesis and Characterization of [MnIII(LISQ)2(LAP)] (St= 1) and [MnIV(LISQ)2(LAP-H)] (St=1/2). <i>Inorganic Chemistry</i> , 2002, 41, 790-795. | 1.9 | 95 |
| 57 | Do S,Sâ€-Coordinated o-Dithiobenzosemiquinonate(1âˆ) Radicals Exist in Coordination Compounds? The [AuIII(1,2-C6H4S2)2]1-/0 Couple. <i>Inorganic Chemistry</i> , 2003, 42, 4082-4087. | 1.9 | 94 |
| 58 | Reduced N-Alkyl Substituted Bis(imino)pyridine Cobalt Complexes: Molecular and Electronic Structures for Compounds Varying by Three Oxidation States. <i>Inorganic Chemistry</i> , 2010, 49, 6110-6123. | 1.9 | 94 |
| 59 | Intramolecular Spin Interactions in Bis(phenoxy)metal Complexes of Zinc(II) and Copper(II). <i>Inorganic Chemistry</i> , 1999, 38, 5795-5802. | 1.9 | 92 |
| 60 | Coordinated o-Dithio- and o-Iminothiobenzosemiquinonate(1âˆ) Radicals in [MIII(bpy)(L)](PF6) Complexes. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 563-567. | 7.2 | 92 |
| 61 | Phenoxy radical complexes of chromium(III), manganese(III), cobalt(III), and nickel(II). <i>Inorganica Chimica Acta</i> , 2000, 297, 265-277. | 1.2 | 91 |
| 62 | Encapsulation by a Chromium(III)-Containing Bicyclic Ligand Cage. Synthesis, Structures, and Physical Properties of Heterometal Complexes CrIIIMCrIII [M = (H+)2, Li(I), Mg(II), Cu(II), Ni(II), Ni(IV), Co(III), Fe(II), Fe(III), Mn(II)]. <i>Inorganic Chemistry</i> , 1998, 37, 1009-1020. | 1.9 | 89 |
| 63 | Electronic Structures of the Electron Transfer Series [M(bpy)3] ⁿ⁺ , [M(tpy)2] ⁿ⁺ , and [Fe(ttc)3] ⁿ⁺ (M = Fe, Ru; n = 3+, 2+, 1+, 0, 1â€): A Mössbauer Spectroscopic and DFT Study. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 4605-4621. | 1.0 | 87 |
| 64 | Fluoride Bridges as Structure-Directing Motifs in 3d-4f Cluster Chemistry. <i>Inorganic Chemistry</i> , 2012, 51, 5435-5443. | 1.9 | 86 |
| 65 | Fluoride-Bridged {Gd ^{III} 3M ^{III} 2} (M=Cr, Fe, Ga) Molecular Magnetic Refrigerants. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 2394-2397. | 7.2 | 86 |
| 66 | Polynuclear Nickel(II) Complexes: Preparation and Magnetic Properties of NiII4, NiII5, and NiII6 Species with Ligands containing OâˆXâˆO (X = S, Se or N) Donor Atoms. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 3167-3178. | 1.0 | 85 |
| 67 | Electronic Structure of a Formal Iron(0) Porphyrin Complex Relevant to CO2 Reduction. <i>Inorganic Chemistry</i> , 2017, 56, 4745-4750. | 1.9 | 85 |
| 68 | Electronic Structure of Linear Thiophenolate-Bridged Heterotrinary Complexes [LFeMFEL]n+ (M = Tj ETQqO O O rgBT /Overlock 10 Tf 5 2193-2208. | 6.6 | 84 |
| 69 | L = Monoanion with S = 1/2 Ground States. <i>Inorganic Chemistry</i> , 2005, 44, 3709-3717. | 1.9 | 84 |
| 70 | Targeted Oxidase Reactivity with a New Redox-Active Ligand Incorporating N2O2 Donor Atoms. Complexes of Cu(II), Ni(II), Pd(II), Fe(III), and V(V). <i>Inorganic Chemistry</i> , 2008, 47, 11620-11632. | 1.9 | 83 |
| 71 | Mixed-Valent {FeIV(1/4-O)(1/4-carboxylato)2FeIII}3+ Core. <i>Journal of the American Chemical Society</i> , 2003, 125, 15554-15570. | 6.6 | 82 |
| 72 | Nonoxovanadium(IV) and Oxovanadium(V) Complexes with Mixed O, X, O-Donor Ligands (X = S, Se, P, or) Tj ETQqO O O rgBT /Overlock 1 | 1.9 | 82 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 73 | Synthesis, characterization and DNA binding studies of new ruthenium(II)bisterpyridine complexes. European Journal of Medicinal Chemistry, 2010, 45, 284-291. | 2.6 | 82 |
| 74 | Anilino Radical Complexes of Cobalt(III) and Manganese(IV) and Comparison with Their Phenoxy Analogues. Journal of the American Chemical Society, 2000, 122, 9663-9673. | 6.6 | 81 |
| 75 | Anomalous behavior of pentacoordinate copper complexes of dimethylphenanthroline and derivatives of terpyridine ligands: Studies on DNA binding, cleavage and apoptotic activity. European Journal of Medicinal Chemistry, 2011, 46, 608-617. | 2.6 | 81 |
| 76 | Molecular and Electronic Structure of Five-Coordinate Complexes of Iron(II/III) Containing o-Diiminobenzosemiquinone(1 ⁻) $\dot{\text{C}}$ Radical Ligands. Inorganic Chemistry, 2005, 44, 7087-7098. | 1.9 | 80 |
| 77 | Accessing the Different Redox States of \pm -Iminopyridines within Cobalt Complexes. Inorganic Chemistry, 2009, 48, 6055-6064. | 1.9 | 79 |
| 78 | L-edge X-ray absorption study of mononuclear vanadium complexes and spectral predictions using a restricted open shell configuration interaction ansatz. Physical Chemistry Chemical Physics, 2014, 16, 264-276. | 1.3 | 79 |
| 79 | Electronic Structure of the [Tris(dithiolene)chromium] ^z (<i>z</i> = 0, 1 ⁺ , 2 ⁺ , 3 ⁺) Electron Transfer Series and Their Manganese(IV) Analogues. An X-ray Absorption Spectroscopic and Density Functional Theoretical Study. Inorganic Chemistry, 2009, 48, 5829-5847. | 1.9 | 78 |
| 80 | Oxidation and Reduction of Bis(imino)pyridine Iron Dinitrogen Complexes: Evidence for Formation of a Chelate Trianion.. Inorganic Chemistry, 2013, 52, 635-646. | 1.9 | 77 |
| 81 | Structural characteristics of redox-active pyridine-1,6-diimine complexes: Electronic structures and ligand oxidation levels. Coordination Chemistry Reviews, 2019, 380, 287-317. | 9.5 | 77 |
| 82 | Ruthenium Complexes Containing α -Noninnocent α -Benzoquinone Diimine/o-Phenylenediamide(2 ⁺) Ligands. Synthesis and Crystal Structure of the Nitrido-Bridged Complex [Ru(o-C ₆ H ₄ (NH) ₂) ₂ (N)](PF ₆) ₂ ·3CH ₃ CN·C ₆ H ₅ CH ₃ . Inorganic Chemistry, 1998, 37, 35-43. | 1.9 | 76 |
| 83 | Electronic Structures of Tris(dioxolene)chromium and Tris(dithiolene)chromium Complexes of the Electron-Transfer Series [Cr(dioxolene) ₃] ^z and [Cr(dithiolene) ₃] ^z (<i>z</i> = 0, 1 ⁺ , 2 ⁺ , 3 ⁺). A Combined Experimental and Density Functional Theoretical Study. Inorganic Chemistry, 2007, 46, 7827-7839. | 1.9 | 76 |
| 84 | Ligand-Based Redox Isomers of [ZnII(C ₂₈ H ₄₀ N ₂ O ₂) ₂]: Molecular and Electronic Structures of a Diamagnetic Green and a Paramagnetic Red Form. Inorganic Chemistry, 1999, 38, 2781-2790. | 1.9 | 75 |
| 85 | A novel enantiopure proline-derived triazacyclononane: synthesis, structure and application of its manganese complex. Chemical Communications, 2000, , 2435-2436. | 2.2 | 75 |
| 86 | Tris(pyridinealdoximate)metal Complexes as Ligands for the Synthesis of Asymmetric Heterodinuclear Cr(III) Species [M = Zn(II), Cu(II), Ni(II), Fe(II), Mn(II), Cr(II), Co(III)]: A Magneto-Structural Study. Inorganic Chemistry, 2001, 40, 6656-6665. | 1.9 | 75 |
| 87 | Magneto-Structural Correlations in Pseudotetrahedral Forms of the [Co(SPh) ₄] ²⁻ Complex Probed by Magnetometry, MCD Spectroscopy, Advanced EPR Techniques, and ab Initio Electronic Structure Calculations. Inorganic Chemistry, 2017, 56, 3102-3118. | 1.9 | 74 |
| 88 | The monofunctionalized 1,4,7-triazacyclononane derivatives 1,4,7-triazacyclononane-N-acetate (L1) and | | |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 91 | Synthesis, structure and comparison of the DNA cleavage ability of metal complexes M(II)L with the N-(2-ethoxyethanol)-bis(2-picolyl)amine ligand L (M = Co, Ni, Cu and Zn). Dalton Transactions, 2004, , 1201-1207. | 1.6 | 72 |
| 92 | Synthesis and Characterization of Mononuclear Octahedral Titanium(IV) Complexes Containing Ti(O), Ti(O ₂), and Ti(OCH ₃) _x (x = 1-3) Structural Units. Inorganic Chemistry, 1994, 33, 2462-2471. | 1.9 | 71 |
| 93 | Copper(II) complexes of terpyridine derivatives: A footstep towards development of antiproliferative agent for breast cancer. Journal of Inorganic Biochemistry, 2012, 117, 48-59. | 1.5 | 71 |
| 94 | Cellular Uptake Quantification of Metalated Peptide and Peptide Nucleic Acid Bioconjugates by Atomic Absorption Spectroscopy. Angewandte Chemie - International Edition, 2008, 47, 955-959. | 7.2 | 70 |
| 95 | Synthesis, Electronic Structure, and Catalytic Activity of Reduced Bis(aldimino)pyridine Iron Compounds: Experimental Evidence for Ligand Participation. Inorganic Chemistry, 2011, 50, 3159-3169. | 1.9 | 69 |
| 96 | Effect of coordinated ligands on antiproliferative activity and DNA cleavage property of three mononuclear Cu(II)-terpyridine complexes. European Journal of Medicinal Chemistry, 2012, 57, 449-458. | 2.6 | 69 |
| 97 | DNA/protein interaction and cytotoxic activity of imidazole terpyridine derived Cu(II)/Zn(II) metal complexes. Dalton Transactions, 2014, 43, 13018. | 1.6 | 69 |
| 98 | Octahedral (cis-Cyclam)iron(III) Complexes with O,N-Coordinated o-Iminosemiquinonato(1 ⁻) $\dot{\text{C}}$ Radicals and o-Imidophenolate(2 ⁻) Anions. Inorganic Chemistry, 2002, 41, 5091-5099. | 1.9 | 68 |
| 99 | Cobalt(II)/(III) Complexes Containing o-Iminothiobenzosemiquinonato(1 ⁻) and o-Iminobenzosemiquinonato(1 ⁻) $\dot{\text{C}}$ -Radical Ligands. European Journal of Inorganic Chemistry, 2002, 2002, 1957-1967. | 1.0 | 68 |
| 100 | An Electron Transfer Series of High-Valent Chromium Complexes with Redox Non-Innocent, Non-Heme Ligands. Angewandte Chemie - International Edition, 2008, 47, 6384-6387. | 7.2 | 68 |
| 101 | Complexes of an aminebis(phenolate) [O,N,O] donor ligand and EPR studies of isoelectronic, isostructural Cr(III) and Mn(IV) complexes. Inorganica Chimica Acta, 2002, 337, 344-356. | 1.2 | 67 |
| 102 | Amino Acid and Peptide Bioconjugates of Copper(II) and Zinc(II) Complexes with a Modified N,N-Bis(2-picolyl)amine Ligand. Inorganic Chemistry, 2005, 44, 5405-5415. | 1.9 | 67 |
| 103 | Tuning of Spin Transition in Radical-Containing Iron(III) Complexes by Remote Ligand Substituents. Inorganic Chemistry, 2005, 44, 7099-7108. | 1.9 | 66 |
| 104 | [Fe ₂ (tim) ₂]: An Fe ₂ Fe Dimer Containing an Unsupported Metal-Metal Bond and Redox-Active N ₄ Macrocyclic Ligands. Angewandte Chemie - International Edition, 2009, 48, 3703-3706. | 7.2 | 66 |
| 105 | Exchange coupling in a bis(heterodinuclear) [CuII NiII] ₂ and a linear heterotrinnuclear complex CoIIICuIINiII. Synthesis, structures and properties. Dalton Transactions RSC, 2000, , 251-258. | 2.3 | 65 |
| 106 | Comparative electronic structures of nitrogenase FeMoco and FeVco. Dalton Transactions, 2017, 46, 2445-2455. | 1.6 | 65 |
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