

Cortlandt G Pierpont

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3080655/publications.pdf>

Version: 2024-02-01

162
papers

10,398
citations

28274

55
h-index

42399

92
g-index

185
all docs

185
docs citations

185
times ranked

4153
citing authors

#	ARTICLE	IF	CITATIONS
1	Charge and Spin-State Characterization of Cobalt Bis(<i>o</i> -dioxolene) Valence Tautomers Using Co K ² X-ray Emission and L-Edge X-ray Absorption Spectroscopies. <i>Inorganic Chemistry</i> , 2017, 56, 737-747.	4.0	29
2	Ligand Redox Activity and Mixed Valency in First-Row Transition-Metal Complexes Containing Tetrachlorocatechol and Radical Tetrachlorosemiquinone Ligands. <i>Inorganic Chemistry</i> , 2011, 50, 9766-9772.	4.0	111
3	Dioxygenase catalysis by d ⁰ metal ²⁺ catechol complexes containing vanadium and molybdenum with H ₂ (3,5-DTBC) and H ₂ (3,6-DTBC) substrates. <i>Journal of Molecular Catalysis A</i> , 2009, 309, 137-145.	4.8	17
4	Dopamine complexes of iron in the etiology and pathogenesis of Parkinson's disease. <i>Journal of Inorganic Biochemistry</i> , 2009, 103, 87-93.	3.5	51
5	Synthesis and Characterization of VV(3,6-DBSQ)(3,6-DBCat) ₂ , a d ⁰ Metal Complex with Dioxygenase Catalytic Activity. <i>Inorganic Chemistry</i> , 2009, 48, 3496-3498.	4.0	38
6	Effect of nitrogen-donor ancillary ligand on oxidation behavior of Co(III) binuclear complexes with conjugated bis(catechol) ligands. <i>Inorganica Chimica Acta</i> , 2008, 361, 2941-2949.	2.4	7
7	Ammonium and Barium Salts of the Tris[1,2-Benzenediolate(2-)-O, ²⁻]Titanium(IV) Dianion. <i>Inorganic Syntheses</i> , 2007, , 11-14.	0.3	1
8	The Chemistry of Transition Metal Complexes Containing Catechol and Semiquinone Ligands. <i>Progress in Inorganic Chemistry</i> , 2007, , 331-442.	3.0	307
9	Tetranuclear iron(III) complexes of an octadentate pyridine-carboxylate ligand and their catalytic activity in alkane oxidation by hydrogen peroxide. <i>Dalton Transactions</i> , 2006, , 492-501.	3.3	21
10	Binuclear Complexes of Co(III) Containing Extended Conjugated Bis(Catechol) Ligands. <i>Inorganic Chemistry</i> , 2005, 44, 6183-6191.	4.0	42
11	Synthesis of a quinone-functionalized macrocyclic ligand and the intense fluorescence of its zinc complex Electronic supplementary information (ESI) available: views showing intermolecular interactions in the crystal structure of H ₂ hp(OH) ₄ , a cyclic voltammogram of [Zn{hp(OH) ₄ (py)}] in acetonitrile and the absorption spectrum of [Zn{hp(OH) ₄ (py)}] in DMSO. See http://www.rsc.org/supplata/cc/b4/b401334d/ . <i>Chemical Communications</i> , 2004, , 1022.	4.1	11
12	Coordination Complexes of Molybdenum with 3,6-Di-tert-butylcatechol. Addition Products of DMSO, Pyridine N-oxide, and Triphenylarsine Oxide to the Putative [MoVIO(3,6-DBCat) ₂] Monomer and Self-Assembly of the Chiral [MoVIO(3,6-DBCat) ₂] ₄ Square. <i>Inorganic Chemistry</i> , 2004, 43, 2114-2124.	4.0	32
13	Structural Systematics for C ₆ H ₄ XY Ligands with X, Y = O, NH, and S Donor Atoms. <i>o</i> -Iminoquinone and <i>o</i> -Iminothioquinone Complexes of Ruthenium and Osmium. <i>Inorganic Chemistry</i> , 2002, 41, 5810-5816.	4.0	153
14	Bending crystals. Solid state photomechanical properties of transition metal complexes containing semiquinone ligands. <i>Journal of Chemical Sciences</i> , 2002, 114, 247-254.	1.5	13
15	Valence Tautomerism and Metal-Mediated Catechol Oxidation for Complexes of Copper Prepared with 9,10-Phenanthrenequinone. <i>Inorganic Chemistry</i> , 2001, 40, 5653-5659.	4.0	104
16	Magnetic Properties and Redox Isomerism for 4,4'-Bis(semiquinone) Complexes of Copper. <i>Inorganic Chemistry</i> , 2001, 40, 2434-2436.	4.0	57
17	Spin Coupling Interactions in Transition Metal Complexes Containing Radical <i>o</i> -Semiquinone Ligands. A Review. <i>Collection of Czechoslovak Chemical Communications</i> , 2001, 66, 33-51.	1.0	71
18	Oxo-deficient dioxylene complexes of Mo(vi) containing 3,6-di-tert-butylcatechol. <i>Chemical Communications</i> , 2001, , 2686-2687.	4.1	9

#	ARTICLE	IF	CITATIONS
19	Studies on charge distribution and valence tautomerism in transition metal complexes of catecholates and semiquinonate ligands. <i>Coordination Chemistry Reviews</i> , 2001, 216-217, 99-125.	18.8	637
20	Unique properties of transition metal quinone complexes of the MQ3 series. <i>Coordination Chemistry Reviews</i> , 2001, 219-221, 415-433.	18.8	334
21	Redox Isomerism for Quinone Complexes of Chromium and Chromium Oxidation State Assignment from X-ray Absorption Spectroscopy. <i>Inorganic Chemistry</i> , 2001, 40, 5727-5728.	4.0	33
22	Synthesis and characterization of iron(III) complexes of a new ligand containing a potentially bridging carboxylate; structural characterization of a helical tetranuclear iron complex. <i>Chemical Communications</i> , 1999, , 1193-1194.	4.1	9
23	Silicon and Zinc Coordination to Peripheral Catechol Sites of (2,3,9,10,16,17,23,24-Octahydroxyphthalocyaninato)nickel(II). <i>Phthalocyanine Coordination Chemistry at the Edge</i> . <i>Inorganic Chemistry</i> , 1998, 37, 1992-1999.	4.0	23
24	Methoxide Coordination at the Pocket of [CuITpCum,Me] and a Simple Model for the Cu Center of Galactose Oxidase. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 1736-1739.	13.8	26
25	Synthesis and Structure of a Polymeric Complex of Tl(III) Containing Bis(semiquinone) Bridging Ligands. <i>Inorganic Chemistry</i> , 1998, 37, 6117-6119.	4.0	36
26	Chelate-Ring-Dependent Shifts in Redox Isomerism for the Co(Me ₂ N(CH ₂) _n NMe ₂)(3,6-DBQ) ₂ (n = 1-3) Series, Where 3,6-DBQ Is the Semiquinonate or Catecholates Ligand Derived from 3,6-Di-tert-butyl-1,2-benzoquinone. <i>Inorganic Chemistry</i> , 1998, 37, 5875-5880.	4.0	53
27	Novel Ligand-Unsupported Diruthenium Compounds, [Ru ₂ (Cl ₄ Cat) ₄] _n -(Cl ₄ Cat =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 422	13.7	20
28	Unusual Coordination Mode of Thiosemicarbazone Ligand. Synthesis, Structure, and Redox Properties of Some Ruthenium and Osmium Complexes. <i>Inorganic Chemistry</i> , 1998, 37, 6113-6116.	4.0	125
29	New Semiquinone/Catecholates Complexes That Exhibit Valence Tautomerism. Synthesis and Characterization of Mn(III)(thf) ₂ (3,6-DBSQ)(3,6-DBCat) and Observations on the Mn(IV)(3,6-DBSQ) ₂ (3,6-DBCat)/Mn(III)(3,6-DBSQ) ₃ Equilibrium in the Solid State. <i>Inorganic Chemistry</i> , 1998, 37, 3051-3056.	4.0	94
30	Pocket Semiquinonate Complexes of Cobalt(II), Copper(II), and Zinc(II) Prepared with the Hydrotris(cumenylmethylpyrazolyl)borate Ligand. <i>Inorganic Chemistry</i> , 1997, 36, 4860-4865.	4.0	99
31	Reduction and Aerobic Oxidation of Hexaketocyclohexane (C ₆ O ₆) by Reaction with Metallic Copper. <i>Inorganic Chemistry</i> , 1997, 36, 1520-1521.	4.0	24
32	Bistability and Molecular Switching for Semiquinone and Catechol Complexes of Cobalt. Studies on Redox Isomerism for the Bis(pyridine) Ether Series Co(py ₂ X)(3,6-DBQ) ₂ , X = O, S, Se, and Te. <i>Inorganic Chemistry</i> , 1997, 36, 19-24.	4.0	162
33	Valence Tautomerism within a Linear Polymer Consisting of Pyrazine-Bridged Manganese ^{III} Quinone Subunits. Synthesis and Characterization of [Mn(III)(1/4-pyz)(3,6-DBSQ)(3,6-DBCat)] _n . <i>Inorganic Chemistry</i> , 1997, 36, 6184-6187.	4.0	53
34	Nickel complexes containing catecholates, benzoquinone and semiquinone radical ligands. <i>Inorganica Chimica Acta</i> , 1997, 263, 219-224.	2.4	72
35	Synthesis and Characterization of Bis(2,2'-bipyridyl)platinum(II): A Novel Microtubular Linear-Chain Complex. <i>Journal of the American Chemical Society</i> , 1996, 118, 12647-12653.	13.7	46
36	Iron ^{III} -Semiquinone, Semiquinone ^{•-} -Semiquinone, and Iron ^{III} -Iron Magnetic Exchange in Monomeric and Dimeric Ferric Complexes Containing the 3,6-Di-tert-butyl-1,2-semiquinonate Ligand. <i>Inorganic Chemistry</i> , 1996, 35, 1033-1038.	4.0	52

#	ARTICLE	IF	CITATIONS
37	Studies on Aerobic Reactions of Ammonia/3,5-Di-tert-butylcatechol Schiff-Base Condensation Products with Copper, Copper(I), and Copper(II). Strong Copper(II) Radical Ferromagnetic Exchange and Observations on a Unique N-N Coupling Reaction. <i>Inorganic Chemistry</i> , 1996, 35, 3519-3524.	4.0	208
38	Iminoquinone coordination to copper(I) in the [Cu(PhenoxBQ)(1/4-Cl)] ₂ dimer. <i>Inorganica Chimica Acta</i> , 1996, 245, 1-5.	2.4	18
39	Ancillary Ligand Dependent Shifts in Charge Distribution for Cobalt-Quinone Complexes. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 1694-1695.	4.4	30
40	Iminosemiquinone Complexes of Copper, Structural, Magnetic, and Electrochemical Characterization of Complexes of the Phenoxazinolate Semiquinone Radical. <i>Inorganic Chemistry</i> , 1995, 34, 1355-1360.	4.0	36
41	Valence Tautomerism for Quinone Complexes of Manganese: Members of the MnIV(N-N)(Cat) ₂ -MnIII(N-N)(SQ)(Cat)-MnII(N-N)(SQ) ₂ Series. <i>Inorganic Chemistry</i> , 1995, 34, 1172-1179.	4.0	114
42	Thermodynamic Parameters for Cobalt-Quinone Electron Transfer and Spin Transition Steps of the CoIII(bpy)(3,5-DBSQ)(3,5-DBCat)/CoII(bpy)(3,5-DBSQ) ₂ Valence Tautomeric Equilibrium. <i>Inorganic Chemistry</i> , 1995, 34, 4281-4283.	4.0	70
43	Potential for Redox Isomerism by Quinone Complexes of Iron(III). Studies on Complexes of the FeIII(N-N)(DBSQ)(DBCat) Series with 2,2'-Bipyridine and N,N,N',N'-Tetramethylethylenediamine Coligands. <i>Inorganic Chemistry</i> , 1995, 34, 4427-4433.	4.0	57
44	Valence tautomerism for catechol/semiquinone complexes of the trans-M(Bupy) ₂ (3,6-DBQ) ₂ (M = Mn, Fe, Co, Ni, Cu, Zn, Cd, Hg, Pb, Bi, Sb, Sn, Te, Se, Mo, W, Cr, V, Nb, Ta, Ti, Zr, Hf, Th, U, Pu, Am, Cm, Bk, Cf, Es, Fm, Md, No, Lr). <i>Inorganic Chemistry</i> , 1994, 33, 2227-2235.	4.0	141
45	Radical Superexchange in Semiquinone Complexes Containing Diamagnetic Metal Ions. 3,6-Di-tert-butyl-1,2-semiquinone Complexes of Zinc(II), Cobalt(III), Gallium(III), and Aluminum(III). <i>Inorganic Chemistry</i> , 1994, 33, 1276-1283.	4.0	158
46	Iminoquinone complexes of iron and nickel. Structural, magnetic, and electrochemical properties of complexes containing the phenoxazinolate semiquinone radical. <i>Inorganic Chemistry</i> , 1994, 33, 347-353.	4.0	37
47	Bistability and Low-Energy Electron Transfer in Cobalt Complexes Containing Catecholate and Semiquinone Ligands. <i>Inorganic Chemistry</i> , 1994, 33, 2227-2235.	4.0	141
48	Photomechanical Polymers. Synthesis and Characterization of a Polymeric Pyrazine-Bridged Cobalt Semiquinonate-Catecholate Complex. <i>Journal of the American Chemical Society</i> , 1994, 116, 2229-2230.	13.7	205
49	Comparative Bonding Properties of Semiquinonate and Iminosemiquinonate Radical Ligands in Ru(CO) ₂ (3,6-DBSQ) ₂ and Ru(CO) ₂ (PhenoxSQ) ₂ . <i>Inorganic Chemistry</i> , 1994, 33, 6038-6042.	4.0	43
50	Low-Energy Cobalt(III)-Catechol Electron Transfer. Subtle Coligand Bonding Effects for CoIII(N-N)(3,6-DBSQ)(3,6-DBCat) (N-N = 1,10-Phenanthroline, 5-Nitro-1,10-phenanthroline; DBSQ =) <i>Journal of the American Chemical Society</i> , 1994, 116, 1127-1128.	13.7	55
51	Coligand-Dependent Shifts in Charge Distribution for Copper Complexes Containing 3,5-Di-tert-butylcatecholate and 3,5-Di-tert-butylsemiquinonate Ligands. <i>Inorganic Chemistry</i> , 1994, 33, 2041-2045.	4.0	58
52	Complexes of quinone-functionalized chelating ligands for multiple electron/proton transfer reduction reactions. <i>Inorganic Chemistry</i> , 1993, 32, 493-494.	4.0	17
53	Formation of the {MO(S ₂) ₂ } (M = molybdenum, tungsten) moiety by a MO ₄ ²⁻ -polysulfide reaction: synthesis and structure of MO(S ₂) ₂ (bpy). <i>Inorganic Chemistry</i> , 1992, 31, 3573-3577.	4.0	22
54	Complexes of vanadium(III) and vanadium(IV) containing bipyridine and tetrachlorocatecholate ligands. Insights into the tunicate vanadium(III) coordination environment. <i>Inorganic Chemistry</i> , 1992, 31, 4308-4313.	4.0	35

#	ARTICLE	IF	CITATIONS
55	Semiquinone imine complexes of ruthenium. Coordination and oxidation of the 1-hydroxy-2,4,6,8-tetra-tert-butylphenoxazinyl radical. <i>Inorganic Chemistry</i> , 1992, 31, 2020-2029.	4.0	27
56	Periodic trends in charge distribution for transition metal complexes containing catecholate and semiquinone ligands. Metal-mediated spin coupling in the bis(3,5-di-tert-butyl-1,2-semiquinone) complexes of palladium(II) and platinum(II) M(DBSQ) ₂ (M = Pd, Pt). <i>Inorganic Chemistry</i> , 1992, 31, 3718-3723.	4.0	56
57	Synthesis and characterization of (tetramethylethylenediamine)(9,10-phenanthrenequinone)(9,10-phenanthrenediolato)copper(II), a copper complex containing mixed-charge 9,10-phenanthrenequinone ligands. <i>Inorganic Chemistry</i> , 1992, 31, 1017-1020.	4.0	20
58	Studies on bis(catecholato)iron(III) complexes. Structure and bonding in members of the Fe(bpy)(Cl ₄ SO)(Cl ₄ Cat)/Fe(bpy)(Cl ₄ Cat) ₂ -redox couple. <i>Inorganic Chemistry</i> , 1992, 31, 870-877.	4.0	37
59	Photomechanical properties of rhodium(I)-semiquinone complexes. The structure, spectroscopy, and magnetism of (3,6-di-tert-butyl-1,2-semiquinonato)dicarbonylrhodium(I). <i>Journal of the American Chemical Society</i> , 1992, 114, 4220-4222.	13.7	109
60	Charge distribution in bis(quinone) complexes of ruthenium and osmium. Structural, spectral, and electrochemical properties of the Os(bpy)(Cat) ₂ (Cat = catecholate, 3,5-di-tert-butylcatecholate,) <i>Inorganic Chemistry</i> , 1991, 30, 2906-2911.	4.0	28
61	Valence localization in iron complexes with o-quinone-derived ligands studied by high magnetic field Moessbauer spectroscopy. <i>Inorganic Chemistry</i> , 1992, 31, 5028-5033.	4.0	23
62	(1,5-Cyclooctadiene)bis(3,6-di-tert-butylcatecholato)iridium(IV). An organometallic aryl oxide complex with a charge-transfer transition at unusually low energy. <i>Journal of the American Chemical Society</i> , 1992, 114, 6582-6583.	13.7	20
63	Extreme environmental sensitivity of the rate of intramolecular electron transfer in mixed-valence 1',1'''-dibenzylbiferrocenium triiodide. <i>Journal of the American Chemical Society</i> , 1991, 113, 4806-4812.	13.7	51
64	Charge distribution in the quinone complexes of osmium: synthesis and characterization of the Os(PPh ₃) ₂ (Q)Cl ₂ and Os(PPh ₃) ₂ (Q) ₂ (Q = 3,5-di-tert-butyl-1,2-quinone, tetrachloro-1,2-quinone) series. <i>Inorganic Chemistry</i> , 1991, 30, 2906-2911.	4.0	28
65	Structure and bonding in bis(quinone) complexes of ruthenium. Synthesis and characterization of the Ru(PPh ₃) ₂ (SQ) ₂ (SQ = 3,5-tert-butylsemiquinone, tetrachloro-1,2-semiquinone) series. <i>Inorganic Chemistry</i> , 1991, 30, 1511-1516.	4.0	68
66	Structural and spectroscopic properties of the bis(catecholato)dichloroferrate(2-) anion. <i>Inorganic Chemistry</i> , 1991, 30, 4288-4290.	4.0	12
67	Structural and electrochemical properties of binuclear complexes containing 1,10-phenanthroline-5,6-diolate as a bridging ligand. <i>Inorganic Chemistry</i> , 1991, 30, 2895-2899.	4.0	56
68	Electron distribution within bis(quinone)ruthenium complexes. Structural characterization on delocalized (bipyridine)bis(quinone)ruthenium and on the localized trans-bis(3-chloropyridine)bis(3,5-di-tert-butyl-1,2-semiquinone)ruthenium(III) cation. <i>Polyhedron</i> , 1990, 9, 2267-2272.	2.2	25
69	Stereoselective oxidation of a coordinated phenoxazinylate radical with molecular oxygen. <i>Journal of the American Chemical Society</i> , 1990, 112, 4561-4562.	13.7	12
70	Oxidative substitution of pentacarbonylmanganese(1-) by 3,5-di-tert-butyl-1,2-benzoquinone. Synthesis and characterization of the unsaturated Mn(CO) ₃ (DBCat)- anion. <i>Inorganic Chemistry</i> , 1990, 29, 1073-1078.	4.0	47
71	Periodic trends in charge distribution for transition-metal complexes containing catecholate and semiquinone ligands. Synthetic, physical, and stereodynamic properties of the tris(3,5-di-tert-butylquinone) complexes of ruthenium and osmium. <i>Journal of the American Chemical Society</i> , 1990, 112, 1088-1096.	13.7	109
72	(Malonato)bis[sulfinylbis[methane]-S]platinum(II) compounds: versatile synthons for a new general synthesis of antitumor symmetrical and dissymmetrical (malonato)platinum(II) complexes. <i>Inorganic Chemistry</i> , 1990, 29, 645-652.	4.0	66

#	ARTICLE	IF	CITATIONS
73	Comparative studies on charge distribution for the ruthenium and osmium quinone complexes [M(bpy) ₂ (quinone)] _n (M = Ru, Os; n = 0, +1, +2). <i>Inorganic Chemistry</i> , 1990, 29, 3795-3799.	4.0	60
74	Tchnetium complexes of 3,5-di-tert-butylcatechol. Direct synthesis of tris(3,5-di-tert-butylcatecholato)tchnetium(VI) and bis(3,5-di-tert-butylcatecholato)(di-tert-butylamidophenolato)tchnetium(VI) from ammonium pertechnetate. <i>Journal of the American Chemical Society</i> , 1989, 111, 4324-4328.	13.7	36
75	Divalent rhenium coordination to two radical Schiff-base quinone ligands. <i>Inorganic Chemistry</i> , 1989, 28, 644-650.	4.0	20
76	Magnetic exchange interactions in semiquinone complexes of iron. Structural and magnetic properties of tris(3,5-di-tert-butylsemiquinonato)iron(III) and tetrakis(3,5-di-tert-butylsemiquinonato)tetrakis(3,5-di-tert-butylcatecholato)tetrairon(III). <i>Journal of the American Chemical Society</i> , 1989, 111, 2292-2299.	13.7	69
77	Charge distribution in transition-metal complexes of a Schiff base biquinone ligand. Structural and electrochemical properties of the MIII(Cat-N-BQ) ₂ MIII(Cat-N-BQ)(Cat-N-SQ)MIV(Cat-N-SQ) ₂ tautomeric series. <i>Inorganic Chemistry</i> , 1989, 28, 4379-4385.	4.0	63
78	Catecholate complexes of high-oxidation-state metal ions. Synthesis and characterization of dimeric hexakis(tetrachlorocatecholato)ditungsten(VI). <i>Inorganic Chemistry</i> , 1988, 27, 3842-3845.	4.0	25
79	Manganese tricarbonyl and methylmolybdenum tricarbonyl derivatives of the as-indacene bridging ligand. <i>Organometallics</i> , 1988, 7, 691-695.	2.3	29
80	Cobalt and manganese complexes of a Schiff base biquinone radical ligand. <i>Journal of the American Chemical Society</i> , 1988, 110, 1827-1832.	13.7	94
81	Quinone complexes of palladium: synthesis and characterisation of the dimer [Pd ₂ {Pd(dbsq) ₂ } ₂](dbsq) ₂ and palladium(0). <i>Journal of the Chemical Society Chemical Communications</i> , 1988, , 806.	2.0	8
82	Valence trapping in mixed-valence manganese(II)-manganese(III) complexes of a macrocyclic binucleating ligand. <i>Journal of the American Chemical Society</i> , 1988, 110, 4565-4576.	13.7	128
83	Transition metal complexes containing quinone ligands: studies on intramolecular metal-ligand electron transfer. <i>Pure and Applied Chemistry</i> , 1988, 60, 1331-1336.	1.9	33
84	Synthesis and characterization of as- and s-indacene bridging ligands and their trimethyltin and manganese tricarbonyl derivatives. <i>Organometallics</i> , 1987, 6, 266-273.	2.3	39
85	Charge delocalization in ruthenium-quinone complexes. Structural characterization of bis(bipyridine)(3,5-di-tert-butylsemiquinonato)ruthenium(II) perchlorate and trans-bis(4-tert-butylpyridine)bis(3,5-di-tert-butylquinone)ruthenium. <i>Inorganic Chemistry</i> , 1987, 26, 1769-1773.	4.0	60
86	Binuclear mixed-valence manganese(II)-manganese(III) complexes: insight about the resolution of hyperfine structure in the EPR spectrum. <i>Journal of the American Chemical Society</i> , 1987, 109, 6207-6208.	13.7	96
87	Synthesis, structures, and properties of the tris(catecholato)rhenium(VI) complexes Re(O ₂ C ₆ H ₂ (tert-Bu) ₂) ₃ and Re(O ₂ C ₆ Cl ₄) ₃ . <i>Inorganic Chemistry</i> , 1987, 26, 817-821.	4.0	40
88	Rhenium carbonyl semiquinone complexes. Photochemical addition of 9,10-phenanthrenequinone to Re ₂ (CO) ₁₀ . <i>Journal of the American Chemical Society</i> , 1987, 109, 7031-7036.	13.7	16
89	Manganese(III)-catecholate coordination in the bis(tetrabromocatecholato)(triphenylphosphine) complex. <i>Journal of the American Chemical Society</i> , 1987, 109, 7031-7036.	4.0	34
90	Synthesis of tris(3,5-di-tert-butylcatecholato)molybdenum(VI) and its reaction with molecular oxygen. <i>Inorganic Chemistry</i> , 1986, 25, 122-123.	4.0	30

#	ARTICLE	IF	CITATIONS
91	Counter ligand dependence of charge distribution in copper-quinone complexes. Structural and magnetic properties of (3,5-di-tert-butylcatecholato)(bipyridine)copper(II). <i>Inorganic Chemistry</i> , 1986, 25, 3070-3076.	4.0	64
92	Rapid, reversible heterolytic cleavage of the cobalt-rhodium bond in carbonylbis(triethylphosphine)(tetracarbonylcobalt)rhodium. <i>Inorganic Chemistry</i> , 1986, 25, 1439-1444.	4.0	23
93	Catecholate complexes of high oxidation state metal ions. Synthesis and characterization of tris(3,5-di-tert-butylcatecholato)rhenium(VI). <i>Journal of the American Chemical Society</i> , 1986, 108, 6393-6394.	13.7	37
94	Mixed-valence 1',6'-dihalobiferrocenium salts: the effects of the solid-state environment on electron-transfer rates. <i>Journal of the American Chemical Society</i> , 1986, 108, 963-971.	13.7	115
95	Catecholate and semiquinone complexes of vanadium. Factors that direct charge distribution in metal-quinone complexes. <i>Inorganic Chemistry</i> , 1986, 25, 3962-3967.	4.0	85
96	Synthesis, characterization, and charge distribution of bis(4-tert-butylpyridine)bis(3,5-di-tert-butylquinone)ruthenium. <i>Journal of the American Chemical Society</i> , 1986, 108, 7413-7414.	13.7	69
97	First-row transition-metal complexes of pyridine-2,6-dicarboxylic acid N-oxide. Crystal structure of diaqua(pyridine-2,6-dicarboxylate N-oxido)manganese(II). <i>Inorganic Chemistry</i> , 1985, 24, 2763-2766.	4.0	44
98	Valence delocalization in mixed-valence 1,6'-diiodobiferrocenium triiodide. <i>Journal of the American Chemical Society</i> , 1985, 107, 4777-4778.	13.7	39
99	Intramolecular two-electron transfer between manganese(II) and semiquinone ligands. Synthesis and characterization of manganese 3,5-di-tert-butylquinone complexes and their relationship to the photosynthetic water oxidation system. <i>Journal of the American Chemical Society</i> , 1984, 106, 2041-2049.	13.7	139
100	Studies on complexes containing mixed-valence semiquinone-catecholate ligands. Synthesis and characterization of bis(o-quinone)(bipyridine)chromium(III) complexes. <i>Inorganic Chemistry</i> , 1983, 22, 2552-2556.	4.0	46
101	Orthoquinone complexes of vanadium and their reactions with molecular oxygen. <i>Journal of the American Chemical Society</i> , 1983, 105, 2680-2686.	13.7	65
102	Heterobimetallic oxidative addition of methyl iodide to the polar rhodium-molybdenum bond of (C5Me5)Rh(μ -PMe2)2Mo(CO)4. <i>Organometallics</i> , 1983, 2, 1481-1482.	2.3	35
103	Magnetic exchange interactions propagated by saturated bridges in binuclear dicyclopentadienyltitanium(III) complexes. <i>Inorganic Chemistry</i> , 1983, 22, 628-636.	4.0	23
104	Thermal elimination of dihydrogen from (η -5-C5H5)Ir(CO)H2. Formation, structure, and reactivity of Cs-(η -5-C5H5)3Ir3(CO)3. <i>Inorganic Chemistry</i> , 1982, 21, 1701-1702.	4.0	16
105	Molybdenum complexes containing catecholate ligands. Structural studies on complexes of the pentaoxobis(quinone)dimolybdenate(n-) (n = 0, 1, 2) redox series. <i>Inorganic Chemistry</i> , 1982, 21, 652-657.	4.0	19
106	Preparation, structural characterization, and reactivity of bis(triethylphosphine)carbonylrhodiumtetracarbonylcobalt ((PEt3)2(CO)Rh-Co(CO)4). A quantitative study of the reversible heterolytic cleavage of the polar rhodium-cobalt bond. <i>Journal of the American Chemical Society</i> , 1982, 104, 910-913.	13.7	30
107	Synthesis, structural characterization, and reactivity studies of RuCo(μ -PPh2)(CO)5(PPh3)2. <i>Organometallics</i> , 1982, 1, 1379-1385.	2.3	31
108	Characterization of a mixed-metal bimetallic with an unusual set of carbonyl distortions: [Na(THF)2]+2[Zn(Fe(CO)4)2]2-. <i>Inorganic Chemistry</i> , 1982, 21, 3247-3248.	4.0	23

#	ARTICLE	IF	CITATIONS
109	Ligand-induced valence tautomerism in manganese-quinone complexes. <i>Journal of the American Chemical Society</i> , 1981, 103, 3961-3963.	13.7	50
110	Crystal structure and solution dynamics of $(\mu\text{-H})\text{Os}_3(\text{CO})_{10}(\mu\text{-}\eta\text{-}2\text{-CPh:CHPh})$. <i>Inorganic Chemistry</i> , 1981, 20, 1528-1533.	4.0	73
111	Heterobimetallic complexes. The preparation, solid-state structure, and fluxional behavior of $(\text{C}_5\text{Me}_5)\text{Rh}(\mu\text{-PMe}_2)_2\text{Mo}(\text{CO})_4$. <i>Journal of the American Chemical Society</i> , 1981, 103, 1394-1399.	13.7	33
112	Weak magnetic exchange interactions between paramagnetic metal ions and coordinated o-semiquinones in $\text{M}(\text{9,10-phenanthrenesemiquinone})_2(\text{pyridine})_2$ [M = nickel(II) and cobalt(II)] and tetranuclear $\text{M}_4(\text{o-semiquinone})_8$ complexes. <i>Inorganic Chemistry</i> , 1981, 20, 1038-1046.	4.0	78
113	Transition metal complexes of o-benzoquinone, o-semiquinone, and catecholate ligands. <i>Coordination Chemistry Reviews</i> , 1981, 38, 45-87.	18.8	712
114	Tautomeric catecholate-semiquinone interconversion via metal-ligand electron transfer. Structural, spectral, and magnetic properties of $(3,5\text{-di-tert-butylcatecholato})(3,5\text{-di-tert-butylsemiquinone})(\text{bipyridyl})\text{cobalt(III)}$, a complex containing mixed-valence organic ligands. <i>Journal of the American Chemical Society</i> , 1980, 102, 4951-4957.	13.7	413
115	Synthesis and structure of the binuclear platinum(II)-dimethyl acetylenedicarboxylate complex $\text{Pt}_2(\text{CO})_2(\text{PPh}_3)_2(\text{C}(\text{CO}_2\text{CH}_3)_2)$. <i>Inorganic Chemistry</i> , 1980, 19, 770-773.	4.0	22
116	Structural features of $\text{Ir}(\text{NO})(\text{PPh}_3)(\text{O}_2\text{C}_6\text{Br}_4)$, a complex molecule containing both quinone and nitrosyl ligands. <i>Inorganic Chemistry</i> , 1980, 19, 1803-1805.	4.0	5
117	Synthesis and structure of a 12-crown-4 sandwich complex of manganese(II), bis(1,4,7,10-tetraoxacyclododecane)manganese(II) tribromide. <i>Inorganic Chemistry</i> , 1980, 19, 1801-1803.	4.0	46
118	Multistep redox series of the tris(o-semiquinone)chromium(III) complexes. <i>Inorganic Chemistry</i> , 1979, 18, 1736-1740.	4.0	73
119	Structural features of chloro(dimethylphenylphosphonium) 1979, 18, 3608-3610.	4.0	11
120	Structural features of the heptanuclear iridium cluster $\text{Ir}_7(\text{CO})_{12}(\text{C}_8\text{H}_{12})(\text{C}_8\text{H}_{11})(\text{C}_8\text{H}_{10})$. An organometallic cluster complex showing stages of cyclooctadiene coordination and dehydrogenation. <i>Inorganic Chemistry</i> , 1979, 18, 2972-2977.	4.0	18
121	Synthesis, structure, and properties of the oxygen-deficient bis(3,5-di-tert-butylcatecholato)oxomolybdenum(VI) dimer, $[\text{MoO}(\text{O}_2\text{C}_6\text{H}_2(\text{t-Bu})_2)_2]_2$. <i>Inorganic Chemistry</i> , 1979, 18, 1616-1620.	4.0	39
122	Semiquinone radical anion coordination to divalent cobalt and nickel. Structural features of the bis(3,5-di-tert-butyl-1,2-semiquinone)cobalt(II) tetramer. <i>Inorganic Chemistry</i> , 1979, 18, 3439-3444.	4.0	83
123	Intramolecular antiferromagnetic exchange in tris(o-semiquinone) complexes of vanadium(III), chromium(III), and iron(III). <i>Journal of the American Chemical Society</i> , 1978, 100, 4318-4320.	13.7	65
124	Structural and magnetic properties of tris(o-semiquinone) complexes of iron(III) and chromium(III). <i>Journal of the American Chemical Society</i> , 1978, 100, 7894-7900.	13.7	114
125	1,3-Butadiene coordination to polynuclear metal clusters. Crystal and molecular structures of decacarbonyl(s-cis-butadiene)triosmium and decacarbonyl(s-trans-butadiene)triosmium. <i>Inorganic Chemistry</i> , 1978, 17, 1976-1980.	4.0	42
126	Magnetic exchange interactions in binuclear transition-metal complexes. 18. Dianions of 5,8-dihydroxy-1,4-naphthoquinone, 1,4-dihydroxy-9,10-anthraquinone, and 1,5-dihydroxy-9,10-anthraquinone as bridging ligands in copper(II) and nickel(II) complexes. <i>Inorganic Chemistry</i> , 1978, 17, 3470-3477.	4.0	48

#	ARTICLE	IF	CITATIONS
127	Preparation and crystal structure of Ir ₇ (CO) ₁₂ (C ₈ H ₁₂)(C ₈ H ₁₁)(C ₈ H ₁₀), a heptanuclear iridium cluster showing three stages of cyclooctadiene coordination and dehydrogenation. <i>Journal of the American Chemical Society</i> , 1978, 100, 616-618.	13.7	21
128	Preparation and characterization of organoiridium cluster compounds from the reaction of dodecacarbonyltetrairidium with 1,5-cyclooctadiene. Crystal structure of Ir ₄ (CO) ₅ (C ₈ H ₁₂) ₂ (C ₈ H ₁₀). <i>Inorganic Chemistry</i> , 1978, 17, 2596-2603.	4.0	41
129	.omicron.-Quinone coordination to cis-dioxomolybdenum(VI) species. Crystal and molecular structure of cis-dioxodichloro(9,10-phenanthrenequinone)molybdenum(VI). <i>Inorganic Chemistry</i> , 1977, 16, 2970-2972.	4.0	31
130	Magnetic exchange interactions in transition metal dimers. 11. Structural and magnetic characterization of [Ni ₂ (tren) ₂ (C ₆ O ₄ Cl ₂)](BPh ₄) ₂ and [Cu ₂ (Me ₅ dien) ₂ (C ₆ O ₄ Cl ₂)](BPh ₄) ₂ . Magnetic exchange interactions propagated by the dianions of 2,5-dihydroxy-1,4-benzoquinones. <i>Inorganic Chemistry</i> , 1977, 16, 2367-2376.	4.0	90
131	Carbonyl coordination in the Os ₃ (CO) ₁₀ (alkyne) series. Crystal and molecular structure of .mu. ₃ -(.eta. ⁻ -diphenylacetylene)-decacarbonyltriosmium. <i>Inorganic Chemistry</i> , 1977, 16, 636-639.	4.0	69
132	Synthesis and structure of the triphenylphosphonium cyclopentadienylidene adduct of oligomeric tetrakis(methoxycarbonyl)palladiacyclopentadiene. <i>Journal of Organometallic Chemistry</i> , 1977, 124, 93-101.	1.8	27
133	Molecular structure of 2,2'-bipyridyldibenzylideneacetonepalladium(0). <i>Journal of Organometallic Chemistry</i> , 1977, 124, 103-112.	1.8	32
134	Coordination properties of o-benzoquinones. Structure and bonding in tris(tetrachloro-1,2-benzoquinone)chromium(0). <i>Journal of the American Chemical Society</i> , 1976, 98, 4834-4838.	13.7	53
135	Organometallic chemistry of the carbon-nitrogen double bond. 1. Nickel complexes prepared from iminium cations and the x-ray structure of {[C ₆ H ₅] ₃ P}Ni[CH ₂ N(CH ₃) ₂ Cl]. <i>Journal of the American Chemical Society</i> , 1976, 98, 6178-6185.	13.7	44
136	Crystal and molecular structure of di-.mu.-azido-bis(2,2',2''-triaminotriethylamine)dinickel(II) tetraphenylborate. Magnetic exchange between azide-bridged octahedral nickel(II) centers. Di-.mu.-azido and mono-.mu.-azido cases. <i>Inorganic Chemistry</i> , 1975, 14, 604-610.	4.0	121
137	Radical-anion coordination of 9,10-phenanthrenequinone in (pentaoo)bis(9,10-phenanthrenequinone)dimolybdenum. <i>Journal of the American Chemical Society</i> , 1975, 97, 6450-6455.	13.7	48
138	Distorted trigonal prismatic coordination in tris(9,10-phenanthrenequinone)molybdenum. <i>Journal of the American Chemical Society</i> , 1975, 97, 4912-4917.	13.7	50
139	Crystal and molecular structure of the oxidative addition product of tetrachloro-1,2-benzoquinone to tris(triphenylphosphine)palladium(0), (3,4,5,6-tetrachloro-1,2-benzenediolato)bis(triphenylphosphine)palladium(0). <i>Inorganic Chemistry</i> , 1975, 14, 343-347.	4.0	19
140	Bridging and terminal o-benzoquinone coordination. Crystal and molecular structure of hexakis(tetrachloro-1,2-benzoquinone)dimolybdenum. <i>Journal of the American Chemical Society</i> , 1975, 97, 2123-2127.	13.7	42
141	Amine adducts of thiocarbamate complexes. Synthesis, characterization, and molecular structure of bis(cyclotetramethylenethiocarbamate)bis(pyrrrolidine)cobalt(II). <i>Inorganic Chemistry</i> , 1974, 13, 1674-1678.	4.0	17
142	Crystal and molecular structure of tris(dibenzylideneacetone)dipalladium(0). <i>Inorganic Chemistry</i> , 1974, 13, 1891-1895.	4.0	57
143	Neutral tris(o-benzoquinone) complexes of chromium, molybdenum, and tungsten. <i>Journal of the American Chemical Society</i> , 1974, 96, 5573-5574.	13.7	44
144	Structure and bonding in tris(dibenzylideneacetone)dipalladium(0). <i>Journal of the Chemical Society Chemical Communications</i> , 1973, , 207b.	2.0	25

#	ARTICLE	IF	CITATIONS
145	Amine adducts of thiocarbamate complexes. Crystal and molecular structure of bis(cyclopentamethylenethiocarbamato)bis(piperidine)zinc(II). <i>Inorganic Chemistry</i> , 1973, 12, 2148-2152.	4.0	15
146	Palladium(0) complexes of dibenzylideneacetone. Formation and molecular structure of tris(dibenzylideneacetone)palladium(0). <i>Inorganic Chemistry</i> , 1973, 12, 2955-2959.	4.0	56
147	Crystal and molecular structure of nitrosylbis[1,2-bis(diphenylphosphino)ethane]ruthenium tetraphenylborateacetone, [Ru(NO) (diphos) ₂][B(C ₆ H ₅) ₄].(CH ₃) ₂ CO. <i>Inorganic Chemistry</i> , 1973, 12, 199-205.	4.0	27
148	Bonding in sulfur dioxide complexes active toward oxygenation. Molecular structure of the benzene solvate of tris(triphenylphosphine)(sulfur dioxide)platinum. <i>Inorganic Chemistry</i> , 1973, 12, 2959-2962.	4.0	13
149	Binuclear nitrosyl complexes. Synthesis and structure determination of dinitrosylbis(μ -diphenylphosphido)-bis(tertiary phosphine)diruthenium, [Ru(μ -PPh ₂)(NO)L] ₂ (L = Tj ETQq1 407843149gBT /Ove	4.0	14
150	Crystal and molecular structure of the bis-piperidine adduct of bis(pentamethylenethiocarbamato)zinc(II). <i>Journal of the Chemical Society Chemical Communications</i> , 1972, , 960.	2.0	6
151	Nitrosyls and metal-metal bonding in μ -diphenylphosphido-ruthenium clusters. <i>Journal of the American Chemical Society</i> , 1972, 94, 6240-6241.	13.7	21
152	Crystal and molecular structure of diiodocarbonylferrocene-1,1'-bis(dimethylarsine)nickel(II). Nickel(II) carbonyl complex. <i>Inorganic Chemistry</i> , 1972, 11, 828-832.	4.0	27
153	Crystal and molecular structure of the catalytically active complex hydridonitrosyltris(triphenylphosphine)ruthenium, RuH(NO)(P(C ₆ H ₅) ₃) ₃ . <i>Inorganic Chemistry</i> , 1972, 11, 1094-1099.	4.0	31
154	Molecular structure of chlorodinitrosylbis(triphenylphosphine)ruthenium hexafluorophosphate-benzene. Complex having linear and bent nitrosyl groups. <i>Inorganic Chemistry</i> , 1972, 11, 1088-1094.	4.0	65
155	Trigonal-prismatic co-ordination. Crystal and molecular structure of tris-[cis-1,2-di(trifluoromethyl)ethylene-1,2-diselenato]molybdenum. <i>The Journal of the Chemical Society A, Inorganic, Physical and Analytical</i> , 1971, , 2285.	0.7	29
156	Molecular structure of μ -diazido-tetrakis(triphenylphosphine)dicopper(I). <i>Journal of the American Chemical Society</i> , 1970, 92, 738-739.	13.7	15
157	Dithiolene complex adducts. Crystal and molecular structure of tetrabutylammonium bis(toluene-3,4-dithiolato)-1,10-phenanthrolinecobaltate, [(n-C ₄ H ₉) ₄ N] [Co(S ₂ C ₆ H ₃ (CH ₃) ₂ (o-phen)) ₂]. <i>Inorganic Chemistry</i> , 1970, 9, 2218-2224.	4.0	13
158	Ruthenium complex having both linear and bent nitrosyl groups. <i>Journal of the American Chemical Society</i> , 1970, 92, 4760-4762.	13.7	86
159	Transition metal complexes of a mixed selenium-sulphur ligand. <i>Challenge</i> , 1969, .	0.4	18
160	The structure of o-phenanthroline adducts of [CO-S ₄] systems. <i>Chemical Communications / Chemical Society, London</i> , 1968, .	0.1	3
161	Valence Tautomeric Transition Metal Complexes. <i>Topics in Current Chemistry</i> , 0, , 63-95.	4.0	264
162	Thermochromism. , 0, , 40-142.		3