

# W Robert Scheidt

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Spin-state/stereochemical relationships in iron porphyrins: implications for the hemoproteins. <i>Chemical Reviews</i> , 1981, 81, 543-555.	23.0	603
2	Structural Control of the Photodynamics of Boron <sup>III</sup> -Dipyrin Complexes. <i>Journal of Physical Chemistry B</i> , 2005, 109, 20433-20443.	1.2	375
3	Models of the cytochromes b. Effect of axial ligand plane orientation on the EPR and Moessbauer spectra of low-spin ferrihemes. <i>Journal of the American Chemical Society</i> , 1986, 108, 5288-5297.	6.6	296
4	Solid-State Structures of Metalloporphyrin NO <sub>x</sub> Compounds. <i>Chemical Reviews</i> , 2002, 102, 1067-1090.	23.0	261
5	The missing heme spin state and a model for cytochrome c'. The mixed S = 3/2, 5/2 intermediate spin ferric porphyrin: perchlorato(meso-tetraphenylporphinato)iron(III). <i>Journal of the American Chemical Society</i> , 1979, 101, 2948-2958.	6.6	253
6	Nitrosylmetalloporphyrins. II. Synthesis and molecular stereochemistry of nitrosyl- $\alpha,\beta,\gamma,\delta$ -tetraphenylporphinatoiron(II). <i>Journal of the American Chemical Society</i> , 1975, 97, 17-21.	6.6	244
7	Molecular stereochemistry of two intermediate-spin complexes. Iron(II) phthalocyanine and manganese(II) phthalocyanine. <i>Inorganic Chemistry</i> , 1976, 15, 1685-1690.	1.9	192
8	Crystal and molecular structure of the silver(II) and zinc(II) derivatives of meso-tetraphenylporphyrin. An exploration of crystal-packing effects on bond distance. <i>Inorganic Chemistry</i> , 1986, 25, 795-799.	1.9	179
9	The Synthetic and Structural Chemistry of Heme Derivatives with Nitric Oxide Ligands. <i>Accounts of Chemical Research</i> , 1999, 32, 350-359.	7.6	176
10	$\eta^1$ -Benzene coordination: the synthesis and x-ray crystal structure of a novel silver salt of the weakly coordinating carborane anion B <sub>11</sub> CH <sub>12</sub> <sup>-</sup> . <i>Journal of the American Chemical Society</i> , 1985, 107, 5955-5959.	6.6	166
11	Axial Ligand Orientation in Iron(III) Porphyrinates: Effect of Axial $\pi$ -Acceptors. Characterization of the Low-Spin Complex [Fe(TPP)(4-CNPy) <sub>2</sub> ]ClO <sub>4</sub> . <i>Journal of the American Chemical Society</i> , 1994, 116, 7760-7770.	6.6	164
12	An Analysis of Porphyrin Molecular Flexibility Use of Porphyrin Diacids. <i>Journal of the American Chemical Society</i> , 1997, 119, 10732-10742.	6.6	160
13	Crystal and Molecular Structure of (Octaethylporphinato)cobalt(II). Comparison of the Structures of Four-Coordinate M(TPP) and M(OEP) Derivatives (M = Fe-Cu). Use of Area Detector Data. <i>Inorganic Chemistry</i> , 1994, 33, 1314-1318.	1.9	159
14	Molecular stereochemistry of phthalocyanatozinc(II). <i>Journal of the American Chemical Society</i> , 1977, 99, 1101-1104.	6.6	158
15	Models of the cytochromes b. Control of axial ligand orientation with a hindered porphyrin system. <i>Journal of the American Chemical Society</i> , 1991, 113, 5497-5510.	6.6	153
16	Models of the cytochromes b. Low-spin bis-ligated (porphinato)iron(III) complexes with unusual molecular structures and NMR, EPR, and Moessbauer spectra. <i>Journal of the American Chemical Society</i> , 1992, 114, 7066-7075.	6.6	150
17	$\bar{\nu}$ -Acid Ligands in Iron(III) Porphyrinates. Characterization of Low-Spin Bis(tert-butylisocyanide)(porphyrinato)iron(III) Complexes Having (dxz,dyz) <sup>4</sup> (dxy) <sup>1</sup> Ground States. <i>Journal of the American Chemical Society</i> , 1996, 118, 12109-12118.	6.6	149
18	Trends in metalloporphyrin stereochemistry. <i>Accounts of Chemical Research</i> , 1977, 10, 339-345.	7.6	144

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19	Nitrosylmetalloporphyrins. III. Synthesis and molecular stereochemistry of nitrosyl- $\alpha$ -, $\beta$ -, $\gamma$ -, $\delta$ -tetraphenylporphinato(1-methylimidazole)iron(II). Journal of the American Chemical Society, 1976, 98, 1913-1919.	6.6	136
20	New crystalline phase of (octaethylporphinato)nickel(II): effects of $\pi$ - $\pi$ interactions on molecular structure and resonance Raman spectra. Journal of the American Chemical Society, 1988, 110, 3919-3924.	6.6	132
21	Stereochemistry of low-spin cobalt porphyrins. I. Structure and bonding in a nitrosylcobalt porphyrin and their bearing on one rational model for the oxygenated protoheme. Journal of the American Chemical Society, 1973, 95, 8281-8288.	6.6	130
22	Preferred orientation of imidazole ligands in metalloporphyrins. Journal of the American Chemical Society, 1986, 108, 1163-1167.	6.6	129
23	Stereochemistry of the toluene solvate of $\alpha$ -, $\beta$ -, $\gamma$ -, $\delta$ -tetraphenylporphinatozinc(II). Inorganic Chemistry, 1978, 17, 706-710.	1.9	125
24	Observations on silver salt metathesis reactions with very weakly coordinating anions. Journal of the American Chemical Society, 1989, 111, 6643-6648.	6.6	120
25	New weakly coordinating anions. 2. Derivatization of the carborane anion CB <sub>11</sub> H <sub>12</sub> <sup>-</sup> . Inorganic Chemistry, 1993, 32, 1982-1990.	1.9	120
26	Structural and Molecular Mechanics Studies on Highly Ruffled Low-Spin (Porphinato)iron(III) Complexes. Journal of the American Chemical Society, 1995, 117, 935-954.	6.6	120
27	Imidazolates complexes of iron and manganese tetraphenylporphyrins. Journal of the American Chemical Society, 1980, 102, 6729-6735.	6.6	119
28	Five- to Six-Coordination in (Nitrosyl)iron(II) Porphyrinates: Effects of Binding the Sixth Ligand. Inorganic Chemistry, 2003, 42, 5722-5734.	1.9	115
29	Quantitative Vibrational Dynamics of Iron in Nitrosyl Porphyrins. Journal of the American Chemical Society, 2004, 126, 4211-4227.	6.6	114
30	Nuclear resonance vibrational spectroscopy ? NRVS. Journal of Inorganic Biochemistry, 2005, 99, 60-71.	1.5	111
31	Preparation and structural characterization of nitrosyl complexes of ferric porphyrinates. Molecular structure of aquonitrosyl(meso-tetraphenylporphinato)iron(III) perchlorate and nitrosyl(octaethylporphinato)iron(III) perchlorate. Journal of the American Chemical Society, 1984, 106, 3191-3198.	6.6	110
32	Planar Solid-State and Solution Structures of (Porphinato)nickel(II) As Determined by X-ray Diffraction and Resonance Raman Spectroscopy. Inorganic Chemistry, 1996, 35, 3559-3567.	1.9	109
33	Six coordination in high-spin ferric porphyrins. A new structural type and models for aquomethemoglobin. Journal of the American Chemical Society, 1978, 100, 6354-6362.	6.6	107
34	Stereochemistry of nitrosylmetalloporphyrins. Nitrosyl- $\alpha$ -, $\beta$ -, $\gamma$ -, $\delta$ -tetraphenylporphinato(1-methylimidazole)iron and nitrosyl- $\alpha$ -, $\beta$ -, $\gamma$ -, $\delta$ -tetraphenylporphinato(4-methylpiperidine)manganese. Journal of the American Chemical Society, 1974, 96, 5293-5295.	6.6	105
35	Nitrosylmetalloporphyrins. 4. Molecular stereochemistry of two crystalline forms of nitrosyl- $\alpha$ -, $\beta$ -, $\gamma$ -, $\delta$ -tetraphenylporphinato(4-methylpiperidine)iron(II). A structural correlation with $\nu$ (NO). Journal of the American Chemical Society, 1977, 99, 7315-7322.	6.6	104
36	Unexpected Nitrosyl-Group Bending in Six-Coordinate {M(NO)} <sub>6</sub> f-Bonded Aryl(iron) and -(ruthenium) Porphyrins. Journal of the American Chemical Society, 2001, 123, 6314-6326.	6.6	104

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37	High-spin iron(II) in the porphyrin plane. Structural characterization of (meso-tetraphenylporphinato)bis(tetrahydrofuran)iron(II). <i>Journal of the American Chemical Society</i> , 1980, 102, 2302-2306.	6.6	103
38	Structure and reactivity of ruthenium(II) porphyrin complexes. Photochemical ligand ejection and formation of ruthenium porphyrin dimers. <i>Journal of the American Chemical Society</i> , 1975, 97, 277-281.	6.6	101
39	New class of bridged diiron(III) complexes with a single hydroxo bridge. The preparation and structure of ( $\mu$ -hydroxo)bis((octaethylporphinato)iron(III)) perchlorate. <i>Journal of the American Chemical Society</i> , 1992, 114, 4420-4421.	6.6	101
40	Spin coupling in metalloporphyrin $\pi$ -cation radicals. <i>Journal of the American Chemical Society</i> , 1987, 109, 2644-2652.	6.6	98
41	Unusual orientation of axial ligands in metalloporphyrins. Molecular structure of low-spin bis(2-methylimidazole)(meso-tetraphenylporphinato)iron(III) perchlorate. <i>Journal of the American Chemical Society</i> , 1987, 109, 1963-1968.	6.6	98
42	A deoxymyoglobin model with a sterically unhindered axial imidazole. <i>Journal of the American Chemical Society</i> , 1988, 110, 1207-1215.	6.6	96
43	Nature of iron(I) and iron(0) tetraphenylporphyrin complexes. Synthesis and molecular structure of (dibenzo-18-crown-6)bis(tetrahydrofuran)sodium (meso-tetraphenylporphinato)ferrate and bis[tris(tetrahydrofuran)sodium] (meso-tetraphenylporphinato)ferrate. <i>Inorganic Chemistry</i> , 1984, 23, 3192-3196.	1.9	95
44	Neutral Ligands for Selective Chloride Anion Complexation: $\hat{A}$ ( $\hat{I}\pm, \hat{I}\pm, \hat{I}\pm$ )-5,10,15,20-Tetrakis(2-(aryleurea)phenyl)porphyrins. <i>Journal of the American Chemical Society</i> , 1998, 120, 11684-11692.	6.6	95
45	Synthesis, Molecular Structures, and Properties of Six-Coordinate [Fe(OEP)(L)(NO)] $\hat{A}$ Derivatives: $\hat{A}$ Elusive Nitrosyl Ferric Porphyrins. <i>Journal of the American Chemical Society</i> , 1999, 121, 5210-5219.	6.6	94
46	Stereochemistry of low-spin cobalt porphyrins. III. Crystal structure and molecular stereochemistry of bis(piperidine)- $\alpha, \beta, \gamma, \delta$ -tetraphenylporphinatocobalt(II). <i>Journal of the American Chemical Society</i> , 1974, 96, 84-89.	6.6	93
47	Sharing the $\hat{A}$ -Bonding. An Iron Porphyrin Derivative with Trans, $\hat{A}$ -Accepting Axial Ligands. Synthesis, EPR and M $\hat{A}$ ssbauer Spectra, and Molecular Structure of Two Forms of the $\hat{A}$ Complex $\hat{A}$ Nitronitrosyl( $\hat{I}\pm, \hat{I}\pm, \hat{I}\pm$ -tetrakis(o-pivalamidophenyl)-porphinato)ferrate(II). <i>Journal of the American Chemical Society</i> , 1997, 119, 6274-6283.	6.6	93
48	Intrinsic Structural Distortions in Five-Coordinate (Nitrosyl)iron(II) Porphyrinate Derivatives. <i>Journal of the American Chemical Society</i> , 2000, 122, 4651-4659.	6.6	93
49	Manganese(II) porphyrins. Synthesis, structures, and preference for five-coordination. <i>Journal of the American Chemical Society</i> , 1975, 97, 3247-3249.	6.6	89
50	Structural Distortion in Five-Coordinate Nitrosyl Iron Porphyrins. Axial Ligand Tilting and Its Effect on Equatorial Geometry. <i>Journal of the American Chemical Society</i> , 1997, 119, 7404-7405.	6.6	89
51	Stereochemistry of low-spin cobalt porphyrins. 8. $\alpha, \beta, \gamma, \delta$ -Tetraphenylporphinatocobalt(II). <i>Inorganic Chemistry</i> , 1976, 15, 3182-3184.	1.9	85
52	Structural characterization of a variable-spin(porphinato)iron(III) complex. Molecular stereochemistry of bis(3-chloropyridine)(octaethylporphinato)iron(III) perchlorate at 98 K (S = 1/2) and 293 K (S = 1/2, S = 5/2). <i>Journal of the American Chemical Society</i> , 1982, 104, 495-499.	6.6	85
53	Molecular structure of diaquo- $\alpha, \beta, \gamma, \delta$ -tetraphenylporphinatoiron(III) perchlorate and perchlorato- $\alpha, \beta, \gamma, \delta$ -tetraphenylporphinatoiron(III). Two new structural types for iron(III) porphyrins. <i>Journal of the American Chemical Society</i> , 1978, 100, 666-667.	6.6	84
54	Models of the Cytochromes. Axial Ligand Orientation and Complex Stability in Iron(II) Porphyrinates: $\hat{A}$ The Case of the Noninteracting $d\hat{A}$ Orbitals. <i>Journal of the American Chemical Society</i> , 1997, 119, 9438-9448.	6.6	84

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55	Thioether ligation in iron-porphyrin complexes: models for cytochrome c. <i>Journal of the American Chemical Society</i> , 1981, 103, 5758-5767.	6.6	81
56	Metal complexes with tetrapyrrole ligands. 30. The manganese-nitrogen triple bond. Synthesis and molecular stereochemistry of (5,15-dimethyl-2,3,7,8,12,13,17,18-octaethyl-5H,15H-porphinato)nitridomanganese(V). <i>Inorganic Chemistry</i> , 1983, 22, 888-891.	1.9	80
57	Stereochemistry of dioxovanadium(V) complexes. I. Crystal and molecular structure of triammonium bis(oxalato)dioxovanadate(V) dihydrate. <i>Journal of the American Chemical Society</i> , 1971, 93, 3867-3872.	6.6	78
58	Synthesis, spectroscopic, and structural studies of extremely short chain basket handle porphyrins and their zinc(II) complexes. <i>Journal of the American Chemical Society</i> , 1987, 109, 2659-2668.	6.6	78
59	Microwave-Assisted Pilot $\gamma$ Robinson Synthesis of 3,4-Disubstituted Pyrroles. <i>Journal of Organic Chemistry</i> , 2007, 72, 3941-3944.	1.7	78
60	Five-Coordinate FeIIINO and FeIIICO Porphyrinates: Where Are the Electrons and Why Does It Matter?. <i>Journal of the American Chemical Society</i> , 2004, 126, 14136-14148.	6.6	77
61	Stereochemistry of manganese porphyrins. 2. The toluene solvate of .alpha.,.beta.,.gamma.,.delta.-tetraphenylporphinato manganese(II) at 20 and -175.degree.C. <i>Journal of the American Chemical Society</i> , 1977, 99, 1093-1101.	6.6	76
62	Hydrosulfide (HS <sup>-</sup> ) Coordination in Iron Porphyrinates. <i>Inorganic Chemistry</i> , 2010, 49, 1017-1026.	1.9	76
63	Magnetic interactions in metalloporphyrin .pi.-radical cations of copper and iron. <i>Journal of the American Chemical Society</i> , 1982, 104, 6791-6793.	6.6	75
64	Tilt/Asymmetry in Nitrosyl Metalloporphyrin Complexes: The Cobalt Case. <i>Inorganic Chemistry</i> , 1998, 37, 382-383.	1.9	75
65	Molecular stereochemistry of a nitrogen-bridged metalloporphyrin: .mu.-nitrido-bis[.alpha.,.beta.,.gamma.,.delta.-tetraphenylporphinatoiron]. <i>Journal of the American Chemical Society</i> , 1976, 98, 6623-6628.	6.6	74
66	Syntheses, Characterization, and Structural Studies of Several (Nitro)(nitrosyl)iron(III) Porphyrinates: [Fe(Porph)(NO <sub>2</sub> )(NO)]. <i>Inorganic Chemistry</i> , 1999, 38, 100-108.	1.9	74
67	Stereochemistry of low-spin cobalt porphyrins. IV. Molecular stereochemistry of (1-methylimidazole)-.alpha.,.beta.,.gamma.,.delta.-tetraphenylporphinatocobalt(II). <i>Journal of the American Chemical Society</i> , 1974, 96, 90-94.	6.6	73
68	Imidazolate- and oxo-bridged metalloporphyrins. <i>Journal of the American Chemical Society</i> , 1981, 103, 2640-2650.	6.6	73
69	Control of spin state in (porphinato)iron(III) complexes. An axial ligand orientation effect on the spin state in bis(2-methylimidazole)(octaethylporphinato)iron(III) perchlorate. <i>Journal of the American Chemical Society</i> , 1984, 106, 6339-6343.	6.6	73
70	Reactions of bis(nitro)[.alpha.,.alpha.,.alpha.,.alpha.-meso-tetrakis(o-pivalamidophenyl)porphinato]iron(III) with 2,3,5,6-tetrafluorothiophenol and 2,3,5,6-tetrafluorothiophenolate. EPR and Moessbauer spectra and molecular structures. <i>Inorganic Chemistry</i> , 1992, 31, 3459-3467.	1.9	73
71	Control of spin state in (porphinato)iron(III) complexes. An axial ligand orientation effect leading to an intermediate-spin complex. Molecular structure and physical characterization of the monoclinic form of bis(3-chloropyridine)(octaethylporphinato)iron(III) perchlorate. <i>Journal of the American Chemical Society</i> , 1983, 105, 2625-2632.	6.6	72
72	The least coordinating anion. <i>Journal of the American Chemical Society</i> , 1986, 108, 3117-3118.	6.6	72

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73	Preparation and molecular stereochemistry of metalloporphyrin complexes with cyano ligands. Cyano(pyridine)(meso-tetraphenylporphinato)iron(III) hydrate and cyano(meso-tetraphenylporphinato)manganese(III) chloroform solvate. <i>Inorganic Chemistry</i> , 1983, 22, 1516-1522.	1.9	71
74	Proton Control of Oxidation and Spin State in a Series of Iron Tripodal Imidazole Complexes. <i>Inorganic Chemistry</i> , 2004, 43, 2402-2415.	1.9	70
75	Stereochemistry of dioxovanadium(V) complexes. III. Crystal and molecular structures of trisodium (ethylenediaminetetraacetato)dioxovanadate(V) tetrahydrate. <i>Journal of the American Chemical Society</i> , 1971, 93, 3878-3882.	6.6	69
76	An Unusual Near-Eclipsed Porphyrin Ring Orientation in Two Crystalline Forms of (.mu.-Oxo)bis[(octaethylporphinato)iron(III)]. Structural and Molecular Mechanics Studies. <i>Inorganic Chemistry</i> , 1995, 34, 102-110.	1.9	69
77	Crystal and molecular structure of bis(imidazole)(meso-tetraphenylporphinato)iron(III) chloride. A classic molecule revisited. <i>Journal of the American Chemical Society</i> , 1987, 109, 1958-1963.	6.6	68
78	Instability of the nitrite/iron(III) porphyrinate system. <i>Inorganic Chemistry</i> , 1990, 29, 181-185.	1.9	68
79	Models of cytochromes b. Attempts to control axial ligand orientation with a "hindered" porphyrin system. <i>Inorganic Chemistry</i> , 1991, 30, 1643-1650.	1.9	68
80	Electronic Configuration Assignment and the Importance of Low-Lying Excited States in High-Spin Imidazole-Ligated Iron(II) Porphyrinates. <i>Journal of the American Chemical Society</i> , 2005, 127, 5675-5688.	6.6	68
81	Nitrite-bound five-coordinate low-spin iron(II) model complex for the prosthetic group of nitrite reductase with an unusually large quadrupole splitting. Synthesis, Moessbauer properties, and molecular structure of the complex (nitro)(.alpha.,.alpha.,.alpha.,.alpha.-tetrakis(o-pivalamidophenyl)porphinato)iron(II). <i>Journal of the American Chemical Society</i> , 1991, 113, 717-719.	6.6	66
82	Oriented Single-Crystal Nuclear Resonance Vibrational Spectroscopy of [Fe(TPP)(MI)(NO)]: Quantitative Assessment of the $\langle i \rangle$ trans $\langle /i \rangle$ Effect of NO. <i>Inorganic Chemistry</i> , 2010, 49, 7197-7215.	1.9	66
83	Crystallographic study of the structural trans effect. Molecular structure of oxoisopropoxobis(8-hydroxyquinolino)vanadium(V). <i>Inorganic Chemistry</i> , 1973, 12, 1758-1761.	1.9	65
84	Molecular stereochemistry of (.alpha.,.gamma.-dimethyl-.alpha.,.gamma.-dihydrooctaethylporphinato)oxotitanium(IV). <i>Inorganic Chemistry</i> , 1975, 14, 1782-1785.	1.9	64
85	Stereochemistry of the toluene solvate of .alpha.,.beta.,.gamma.,.delta.-tetraphenylporphinatochromium(II). <i>Inorganic Chemistry</i> , 1978, 17, 710-714.	1.9	64
86	Nitrosylmetalloporphyrins. 5. Molecular stereochemistry of nitrosyl(5,10,15,20-tetratolylporphinato)manganese(II) and nitrosyl(4-methylpiperidine)(5,10,15,20-tetraphenylporphinato)manganese(II). <i>Inorganic Chemistry</i> , 1979, 18, 292-299.	1.9	64
87	Planar and Nonplanar Conformations of (meso-Tetraphenylporphinato)nickel(II) in Solution As Inferred from Solution and Solid-State Raman Spectroscopy. <i>Journal of Physical Chemistry A</i> , 1997, 101, 5789-5798.	1.1	63
88	Stereochemistry of dioxovanadium(V) complexes. II. Crystal and molecular structures of ammonium (dihydrogen ethylenediaminetetraacetato)dioxovanadate(V) trihydrate. <i>Journal of the American Chemical Society</i> , 1971, 93, 3873-3877.	6.6	62
89	Spin coupling in admixed intermediate-spin iron(III) porphyrin dimers: crystal structure, Moessbauer, and susceptibility study of Fe(TPP)(B11CH12).C7H8. <i>Inorganic Chemistry</i> , 1987, 26, 3022-3030.	1.9	62
90	Metalloporphyrin .pi.-cation radicals: intrinsically ruffled or planar core conformations? Molecular structure mesitylporphinatocopper(II) hexachloroantimonate. <i>Journal of the American Chemical Society</i> , 1989, 111, 6865-6866.	6.6	62

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91	Axial ligand orientation in iron(II) porphyrinates. Preparation and characterization of low-spin bis(imidazole)(tetraphenylporphyrinato)iron(II) complexes. <i>Inorganic Chemistry</i> , 1990, 29, 626-633.	1.9	62
92	Stereochemistry of manganese porphyrins. I. Molecular stereochemistry of chloro- $\alpha$ -, $\beta$ -, $\gamma$ -, $\delta$ -tetraphenylporphinato(pyridine)manganese(III). <i>Inorganic Chemistry</i> , 1975, 14, 2081-2086.	1.9	61
93	A Novel Dimanganese(III) Complex with a Single Hydroxo Bridge. Syntheses, Structures, and Magnetic Susceptibilities of $(\mu$ -Hydroxo)bis((octaethylporphinato)manganese(III)) Perchlorate and a Monomeric Precursor, Aquo(octaethylporphinato)manganese(III) Perchlorate. <i>Inorganic Chemistry</i> , 1995, 34, 4627-4639.	1.9	61
94	Axial Coordination and Conformational Heterogeneity of Nickel(II) Tetraphenylporphyrin Complexes with Nitrogenous Bases. <i>Inorganic Chemistry</i> , 1998, 37, 4402-4412.	1.9	60
95	Structural and Electronic Characterization of Nitrosyl(Octaethylporphinato)iron(III) Perchlorate Derivatives. <i>Inorganic Chemistry</i> , 2000, 39, 5102-5110.	1.9	60
96	Use of protected binding sites for nitrite binding in iron(III) porphyrinates. Crystal structure of the bis(nitro)- $\alpha$ -, $\alpha$ -, $\alpha$ -, $\alpha$ -tetrakis(o-pivalamidophenyl)porphinato)iron(III) anion. <i>Inorganic Chemistry</i> , 1990, 29, 185-191.	1.9	59
97	Direct Probe of Iron Vibrations Elucidates NO Activation of Heme Proteins. <i>Journal of the American Chemical Society</i> , 2005, 127, 11200-11201.	6.6	59
98	Characterization of five-coordinate mono(imidazole)(porphinato)iron(II) complexes. <i>Journal of the American Chemical Society</i> , 1985, 107, 5693-5699.	6.6	58
99	Two Crystalline Forms of Low-Spin [Fe(TMP)(5-MeHIm) <sub>2</sub> ]ClO <sub>4</sub> . Relative Parallel and Perpendicular Axial Ligand Orientations. <i>Journal of the American Chemical Society</i> , 1999, 121, 11144-11155.	6.6	58
100	Molecular structures and electron-transfer kinetics for some pentacoordinate Cu(I)/Cu(II) redox-active pairs. <i>Journal of the American Chemical Society</i> , 1987, 109, 2979-2991.	6.6	57
101	An Integrated Approach to the Mid-Spin State ( $S = 3/2$ ) in Six-Coordinate Iron(III) Chiorporphyrins. <i>Inorganic Chemistry</i> , 2000, 39, 3978-3987.	1.9	57
102	Cytochrome c models. <i>Journal of the American Chemical Society</i> , 1979, 101, 3653-3655.	6.6	56
103	Macrocyclic [Cu/II(bite)] <sup>+2+</sup> (bite = biphenyldiimino dithioether): An Example of Fully-Gated Electron Transfer and Its Biological Relevance. <i>Journal of the American Chemical Society</i> , 1997, 119, 8857-8868.	6.6	56
104	Preparation and physical and stereochemical characterization of the tricyanomethanide salt of 5,10,15,20-tetraphenylporphinatoiron(III). A six-coordinate intermediate-spin complex. <i>Inorganic Chemistry</i> , 1978, 17, 2906-2910.	1.9	55
105	Preparation and characterization of the anionic complex potassium dicyano(meso-tetraphenylporphinato)iron(III) bis(acetone). <i>Journal of the American Chemical Society</i> , 1980, 102, 3017-3021.	6.6	55
106	(Nitro)Iron(III) Porphyrins. EPR Detection of a Transient Low-Spin Iron(III) Complex and Structural Characterization of an O Atom Transfer Product. <i>Inorganic Chemistry</i> , 1998, 37, 2308-2316.	1.9	55
107	Stereochemistry of low-spin cobalt porphyrins. II. Bis(piperidine)- $\alpha$ -, $\beta$ -, $\gamma$ -, $\delta$ -tetraphenylporphinatocobalt(III) cation in a crystalline solvated salt. <i>Journal of the American Chemical Society</i> , 1973, 95, 8289-8294.	6.6	54
108	Crystal and molecular structure of dimethyldiisothiocyanato(terpyridyl)tin(IV). <i>Inorganic Chemistry</i> , 1973, 12, 272-276.	1.9	54

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110	Dimerization of metalloporphyrin $\pi$ -cation radicals. Characterization of two novel dimers: [Zn(OEP.cntdot.)(OH <sub>2</sub> ) <sub>2</sub> ](ClO <sub>4</sub> ) <sub>2</sub> and [Ni(OEP)] <sub>2</sub> (ClO <sub>4</sub> ) <sub>2</sub> . <i>Inorganic Chemistry</i> , 1990, 29, 4274-4282.	1.9	54
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