

W Robert Scheidt

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

296
papers

14,470
citations

65
h-index

99
g-index

299
ext. papers

15,013
ext. citations

9.2
avg, IF

5.99
L-index

#	Paper	IF	Citations
296	The Simplest Iron Exo Species. The Molecular Structure of {[Fe(porphine)] ₂ O}. <i>Journal of Porphyrins and Phthalocyanines</i> , 2020 , 24, 1105-1112	1.8	0
295	Temperature effects on structure: Five-coordinate (nitrosyl)(tetratolylporphinato)iron(II). <i>Journal of Porphyrins and Phthalocyanines</i> , 2020 , 24, 717-724	1.8	
294	Temperature effects on structure: Six-coordinate [Fe(TPP)(1-Melm)(CO)]. <i>Journal of Porphyrins and Phthalocyanines</i> , 2020 , 24, 712-716	1.8	
293	Single hydroxo-bridged group 13 metalloporphyrin dimers: Solution studies and solid-state structures. <i>Journal of Porphyrins and Phthalocyanines</i> , 2019 , 23, 969-989	1.8	3
292	Hydrogen-Bonding Effects in Five-Coordinate High-Spin Imidazole-Ligated Iron(II) Porphyrinates. <i>Inorganic Chemistry</i> , 2018 , 57, 793-803	5.1	1
291	Characterization of Metalloporphyrins: Iron(II) Carbonyls and Environmental Effects on NO . <i>Inorganic Chemistry</i> , 2018 , 57, 5648-5656	5.1	3
290	How Does a Heme Carbene Differ from Diatomic Ligated (NO, CO, and CN) Analogues in the Axial Bond?. <i>Inorganic Chemistry</i> , 2018 , 57, 8788-8795	5.1	6
289	A study of the effect of axial ligand steric hindrance. <i>Journal of Porphyrins and Phthalocyanines</i> , 2018 , 22, 588-595	1.8	1
288	Fe(TpivPP)(NO ₂) ₂] What is the nitrite orientation?. <i>Journal of Porphyrins and Phthalocyanines</i> , 2018 , 22, 1054-1059	1.8	
287	Picket fence porphyrin challenges. Unexpected atropisomerism. <i>Journal of Porphyrins and Phthalocyanines</i> , 2018 , 22, 981-988	1.8	3
286	Alternant Bond Distances in Octaethylporphyrin π Cation Radicals. <i>Journal of Porphyrins and Phthalocyanines</i> , 2017 , 21, 273-286	1.8	3
285	What Can Be Learned from Nuclear Resonance Vibrational Spectroscopy: Vibrational Dynamics and Hemes. <i>Chemical Reviews</i> , 2017 , 117, 12532-12563	68.1	27
284	Metalloporphyrins: Dimers and Trimers. <i>Inorganic Chemistry</i> , 2016 , 55, 6294-9	5.1	8
283	3D Motions of Iron in Six-Coordinate {FeNO}(7) Hemes by Nuclear Resonance Vibration Spectroscopy. <i>Chemistry - A European Journal</i> , 2016 , 22, 6323-6332	4.8	4
282	Ring-strain release in neutral and dicationic 7,8,17,18-tetra-bromo-5,10,15,20-tetra-phenyl-porphyrin: crystal structures of C ₄₄ H ₂₆ Br ₄ N ₄ and C ₄₄ H ₂₈ Br ₄ N ₄ (2+) \cdot 2ClO ₄ (-) \cdot 2CH ₂ Cl ₂ . <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2016 , 72, 2016	0.7	1
281	Characterization of the mixed axial ligand complex (4-cyanopyridine)(imidazole)(tetramesitylporphinato)iron(III) perchlorate. Stabilization by synergic bonding. <i>Journal of Porphyrins and Phthalocyanines</i> , 2016 , 20, 254-264	1.8	1
280	Bis(cyano) Iron(III) Porphyrinates: What Is the Ground State?. <i>Inorganic Chemistry</i> , 2015 , 54, 6472-85	5.1	3

279	All high-spin ($S = 2$) iron(ii) hemes are NOT alike. <i>Dalton Transactions</i> , 2015 , 44, 18301-10	4.3	9
278	Solid-state Porphyrin Interactions with Oppositely Charged Peripheral Groups. <i>Journal of Porphyrins and Phthalocyanines</i> , 2015 , 19, 1256-1261	1.8	6
277	Iron nitrosyl "natural" porphyrinates: does the porphyrin matter?. <i>Inorganic Chemistry</i> , 2014 , 53, 3763-8	5.1	11
276	The diagnostic vibrational signature of pentacoordination in heme carbonyls. <i>Journal of the American Chemical Society</i> , 2014 , 136, 9818-21	16.4	16
275	Anisotropic iron motion in nitrosyl iron porphyrinates: natural and synthetic hemes. <i>Inorganic Chemistry</i> , 2014 , 53, 2582-90	5.1	6
274	Structural characterization of the -Nitrido Complex $\{[Fe(OEP)]N\}$. <i>Journal of Porphyrins and Phthalocyanines</i> , 2014 , 18, 380-384	1.8	8
273	Comprehensive Fe-ligand vibration identification in $\{FeNO\}_6$ hemes. <i>Journal of the American Chemical Society</i> , 2014 , 136, 18100-10	16.4	22
272	Quantitative vibrational dynamics of the metal site in a tin porphyrin: an IR, NRVS, and DFT study. <i>Inorganic Chemistry</i> , 2013 , 52, 9948-53	5.1	6
271	Structure and Bonding in Heme Nitrosyl Complexes and Implications for Biology. <i>Structure and Bonding</i> , 2013 , 155-223	0.9	45
270	Probing heme vibrational anisotropy: an imidazole orientation effect?. <i>Inorganic Chemistry</i> , 2013 , 52, 11361-9	5.1	9
269	Correlated ligand dynamics in oxyiron picket fence porphyrins: structural and Mössbauer investigations. <i>Journal of the American Chemical Society</i> , 2013 , 135, 15627-41	16.4	42
268	Effects of imidazole deprotonation on vibrational spectra of high-spin iron(II) porphyrinates. <i>Inorganic Chemistry</i> , 2013 , 52, 3170-7	5.1	7
267	Effect of the Ruffled Porphyrin Ring on Electronic Structures: Structure and Characterization of $[Fe(TalkylP)(OCLO)]$ and $[Fe(TPrP)(THF)]CLO$ (alkyl = Ethyl, Et and -Propyl, Pr). <i>Journal of Porphyrins and Phthalocyanines</i> , 2013 , 17, 118-124	1.8	1
266	Nuclear resonance vibrational spectra of five-coordinate imidazole-ligated iron(II) porphyrinates. <i>Inorganic Chemistry</i> , 2012 , 51, 1359-70	5.1	12
265	Structural insights into ligand dynamics: correlated oxygen and picket motion in oxycobalt picket fence porphyrins. <i>Journal of the American Chemical Society</i> , 2012 , 134, 10595-606	16.4	25
264	Stereochemical Systematics for Porphyrins and Metalloporphyrins. <i>Handbook of Porphyrin Science</i> , 2012 , 1-179	0.3	4
263	Predicting Nuclear Resonance Vibrational Spectra of $[Fe(OEP)(NO)]$. <i>Journal of Chemical Theory and Computation</i> , 2012 , 8, 214-223	6.4	18
262	Vibrational probes and determinants of the $S = 0 \rightarrow S = 2$ spin crossover in five-coordinate $[Fe(TPP)(CN)]^-$. <i>Inorganic Chemistry</i> , 2012 , 51, 11769-78	5.1	12

261	Metalloporphyrin mixed-valence π -cation radicals: [Fe(oxoOEC(π))](Cl)] ₂ SbCl ₆ , structure, magnetic properties, and near-IR spectra. <i>Inorganic Chemistry</i> , 2011 , 50, 9114-21	5.1	24
260	Nuclear Resonance Vibrational Spectroscopy (NRVS) 2011 ,		1
259	New perspectives on iron-ligand vibrations of oxyheme complexes. <i>Chemistry - A European Journal</i> , 2011 , 17, 11178-85	4.8	20
258	Bulk modulus of a protein active-site mimic. <i>Journal of Physical Chemistry B</i> , 2011 , 115, 4469-73	3.4	8
257	Conformational Distortions of π -Cation Radical (π -Oxoporphyrin)copper(II) Derivatives: [Cu(2,7,12-TrioxoOEHP)][SbCl(6)] and [Cu(2,7-DioxoOEiBC)][SbCl(6)]. <i>Journal of Porphyrins and Phthalocyanines</i> , 2011 , 15, 373-381	1.8	5
256	Chlorido(2,3,7,8,12,13,17,18-octa-ethyl-porphyrinato)iron(III) dichloro-methane sesquisolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, m733		4
255	Inter-Ring Interactions in [Fe(TalkylP)(Cl)] (alkyl = ethyl, n-propyl, n-hexyl) Complexes: Control by meso-Substituted Groups. <i>Journal of Porphyrins and Phthalocyanines</i> , 2010 , 14, 115-122	1.8	6
254	Hydrosulfide (HS ⁻) coordination in iron porphyrinates. <i>Inorganic Chemistry</i> , 2010 , 49, 1017-26	5.1	72
253	Just a proton: distinguishing the two electronic states of five-coordinate high-spin iron(II) porphyrinates with imidazole/ate coordination. <i>Journal of the American Chemical Society</i> , 2010 , 132, 3737-50	16.4	41
252	Electronic structure and dynamics of nitrosyl porphyrins. <i>Inorganic Chemistry</i> , 2010 , 49, 6240-52	5.1	37
251	Preface for the inorganic chemistry forum: the coordination chemistry of nitric oxide and its significance for metabolism, signaling, and toxicity in biology. <i>Inorganic Chemistry</i> , 2010 , 49, 6223-5	5.1	25
250	Structural and magnetic effects of meso-substitution in alkyl-substituted metalloporphyrinate π -cation radicals: characterization of [Fe(TalkylP*)(Cl)]SbCl ₆ (alkyl = ethyl and n-propyl). <i>Inorganic Chemistry</i> , 2010 , 49, 8078-85	5.1	20
249	Dynamics of NO motion in solid-state [Co(tetraphenylporphinato)(NO)]. <i>Inorganic Chemistry</i> , 2010 , 49, 6552-7	5.1	20
248	Electronic configuration of five-coordinate high-spin pyrazole-ligated iron(II) porphyrinates. <i>Inorganic Chemistry</i> , 2010 , 49, 10984-91	5.1	11
247	Oriented single-crystal nuclear resonance vibrational spectroscopy of [Fe(TPP)(MI)(NO)]: quantitative assessment of the trans effect of NO. <i>Inorganic Chemistry</i> , 2010 , 49, 7197-215	5.1	65
246	Oxygenation of cobalt porphyrinates: coordination or oxidation?. <i>Inorganic Chemistry</i> , 2010 , 49, 2398-406	5.1	35
245	Probing vibrational anisotropy with nuclear resonance vibrational spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 4400-4	16.4	33
244	Mapping NO movements in crystalline [Fe(Porph)(NO)(1-Melm)]. <i>Journal of the American Chemical Society</i> , 2009 , 131, 2131-40	16.4	37

243	Comparison of cyanide and carbon monoxide as ligands in iron(II) porphyrinates. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 5010-3	16.4	29
242	Tetragonal to triclinic--a phase change for [Fe(TPP)(NO)]. <i>Inorganic Chemistry</i> , 2009 , 48, 971-7	5.1	32
241	Relative axial ligand orientation in bis(imidazole)iron(II) porphyrinates: are "picket fence" derivatives different?. <i>Inorganic Chemistry</i> , 2008 , 47, 3841-50	5.1	35
240	Intermolecular dynamics in crystalline iron octaethylporphyrin (FeOEP). <i>Journal of Physical Chemistry B</i> , 2008 , 112, 12656-61	3.4	6
239	Hydrogen bonding influence of 1,10-phenanthroline on five-coordinate high-spin imidazole-ligated iron(II) porphyrinates. <i>Inorganic Chemistry</i> , 2008 , 47, 8884-95	5.1	21
238	Reversible NO motion in crystalline [Fe(Porph)(1-Melm)(NO)] derivatives. <i>Inorganic Chemistry</i> , 2008 , 47, 912-20	5.1	29
237	Hydrogen bonding effects on the electronic configuration of five-coordinate high-spin iron(II) porphyrinates. <i>Journal of the American Chemical Society</i> , 2008 , 130, 3127-36	16.4	33
236	Explorations in metalloporphyrin stereochemistry, physical properties and beyond. <i>Journal of Porphyrins and Phthalocyanines</i> , 2008 , 12, 979-992	1.8	16
235	Nuclear Resonance Vibrational Spectroscopy (NRVS) 2008 ,		3
234	Cyanide: a strong-field ligand for ferrohemes and hemoproteins?. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 10144-6	16.4	39
233	Cover Picture: Cyanide: A Strong-Field Ligand for Ferrohemes and Hemoproteins? (Angew. Chem. Int. Ed. 52/2008). <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 9999-9999	16.4	1
232	Mixed-Valence Porphyrin ECation Radical Derivatives: Electrochemical Investigations. <i>Inorganica Chimica Acta</i> , 2008 , 361, 1722-1727	2.7	8
231	Interplay of structure and vibrational dynamics in six-coordinate heme nitrosyls. <i>Journal of the American Chemical Society</i> , 2007 , 129, 2200-1	16.4	40
230	Four-coordinate iron(II) porphyrinates: electronic configuration change by intermolecular interaction. <i>Inorganic Chemistry</i> , 2007 , 46, 619-21	5.1	33
229	Sulfoxide as a ligand in iron(II) porphyrinates: S- or O-bound?. <i>Inorganic Chemistry</i> , 2007 , 46, 8258-63	5.1	13
228	Quantitative vibrational dynamics of iron in carbonyl porphyrins. <i>Biophysical Journal</i> , 2007 , 92, 3764-83	2.9	48
227	Structural and Physical Characterization of (Nitrate)iron(III) Porphyrinates [Fe(por)(NO(3))] - Variable Coordination of Nitrate. <i>Polyhedron</i> , 2007 , 26, 4664-4672	2.7	24
226	Dichlorobis(1-ethylimidazole)zinc(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007 , E63, m1048-m1049		5

225	N,N'-Bis(2-acetylphenyl)ethanediamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007 , 63, o4887-o4888		2
224	N,N'-Bis(2-acetylphenyl)ethanediamide, a second polymorph. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007 , 63, o4889-o4889		3
223	Synthesis of urea picket porphyrins and their use in the elucidation of the role buried solvent plays in the selectivity and stoichiometry of anion binding receptors. <i>Journal of Organic Chemistry</i> , 2007 , 72, 9081-7	4.2	32
222	Microwave-assisted Pictet-Spengler synthesis of 3,4-disubstituted pyrroles. <i>Journal of Organic Chemistry</i> , 2007 , 72, 3941-4	4.2	66
221	New insights on the electronic and molecular structure of cyanide-ligated iron(III) porphyrinates. <i>Inorganic Chemistry</i> , 2007 , 46, 2286-98	5.1	20
220	On Spin Hamiltonian Fits to Mössbauer Spectra of High-Spin Fe(II) Porphyrinate Systems. <i>Hyperfine Interactions</i> , 2006 , 170, 55-60	0.8	11
219	Low-spin bis(2-methylimidazole)(octaethylporphyrinato)iron(III) chloride (perp-[Fe(OEP)(2-MeHIm)(2)]Cl): a consequence of hydrogen bonding?. <i>Inorganic Chemistry</i> , 2006 , 45, 9721-8	5.1	14
218	Electronic configuration of high-spin imidazole-ligated iron(II) octaethylporphyrinates. <i>Inorganic Chemistry</i> , 2006 , 45, 4177-85	5.1	46
217	Electronic, magnetic, and structural characterization of the five-coordinate, high-spin iron(II) nitrate complex [Fe(TpivPP)(NO ₃)]. <i>Inorganic Chemistry</i> , 2006 , 45, 5284-90	5.1	25
216	Models of the membrane-bound cytochromes: Mössbauer spectra of crystalline low-spin ferriheme complexes having axial ligand plane dihedral angles ranging from 0 degree to 90 degrees. <i>Journal of the American Chemical Society</i> , 2006 , 128, 1379-89	16.4	27
215	Coordination of diatomic ligands to heme: simply CO. <i>Inorganic Chemistry</i> , 2006 , 45, 7050-2	5.1	42
214	Vibrational spectroscopy and normal-mode analysis of Fe(II) octaethylporphyrin. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 13277-82	3.4	14
213	Bis(pyridine) (2,3,12,13-tetrabromo-5, 10, 15, 20-tetraphenylporphyrin) iron (II) pyridine solvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006 , 62, m1892-m1894		2
212	Direct probe of iron vibrations elucidates NO activation of heme proteins. <i>Journal of the American Chemical Society</i> , 2005 , 127, 11200-1	16.4	54
211	Proton-mediated electron configuration change in high-spin iron(II) porphyrinates. <i>Journal of the American Chemical Society</i> , 2005 , 127, 15018-9	16.4	26
210	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, 5675-88	16.4	63
209	Heme carbonyls: environmental effects on $\nu(\text{C-O})$ and Fe-C/C-O bond length correlations. <i>Journal of the American Chemical Society</i> , 2005 , 127, 14422-33	16.4	42
208	Ligand orientation control in low-spin six-coordinate (porphinato)iron(II) species. <i>Inorganic Chemistry</i> , 2005 , 44, 4346-58	5.1	26

207	Vibrational Dynamics of Biological Molecules: Multi-quantum Contributions. <i>Journal of Physics and Chemistry of Solids</i> , 2005 , 66, 2250-2256	3.9	11
206	Synthesis and Characterization of a Novel Gd(III)-Cu(II) Dinuclear Adduct. <i>Inorganic Chemistry Communication</i> , 2005 , 8, 676-679	3.1	7
205	Structural control of the photodynamics of boron-dipyrrin complexes. <i>Journal of Physical Chemistry B</i> , 2005 , 109, 20433-43	3.4	342
204	Nuclear resonance vibrational spectroscopy--NRVS. <i>Journal of Inorganic Biochemistry</i> , 2005 , 99, 60-71	4.2	106
203	High-spin [Fe(TTP)(THF)(2)]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005 , 61, m830-m831		6
202	A cytochrome b model, [Fe(TPP)(4-MeHIm)(2)][K(222-cryptand)](2)Cl(2). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005 , 61, m1201-m1203		9
201	Five-coordinate Fe(III)NO and Fe(II)CO porphyrinates: where are the electrons and why does it matter?. <i>Journal of the American Chemical Society</i> , 2004 , 126, 14136-48	16.4	74
200	Variable pi-bonding in iron(II) porphyrinates with nitrite, CO, and tert-butyl isocyanide: characterization of [Fe(TpivPP)(NO ₂)(CO)]-. <i>Inorganic Chemistry</i> , 2004 , 43, 2932-42	5.1	39
199	Quantitative vibrational dynamics of iron in nitrosyl porphyrins. <i>Journal of the American Chemical Society</i> , 2004 , 126, 4211-27	16.4	106
198	Boron-complexation strategy for use with 1-acyldipyrrmethanes. <i>Journal of Organic Chemistry</i> , 2004 , 69, 5354-64	4.2	25
197	Proton control of oxidation and spin state in a series of iron tripodal imidazole complexes. <i>Inorganic Chemistry</i> , 2004 , 43, 2402-15	5.1	69
196	Direct determination of the complete set of iron normal modes in a porphyrin-imidazole model for carbonmonoxy-heme proteins: [Fe(TPP)(CO)(1-Melm)]. <i>Journal of the American Chemical Society</i> , 2003 , 125, 6927-36	16.4	50
195	NO orientation and tilting in (nitrosyl)iron(II) deuteroporphyrin IX. <i>Inorganic Chemistry</i> , 2003 , 42, 4259-61	5.1	26
194	Effect of the sixth axial ligand in CS-ligated iron(II)octaethylporphyrinates: structural and Mössbauer studies. <i>Inorganic Chemistry</i> , 2003 , 42, 5202-10	5.1	18
193	Five- to six-coordination in (nitrosyl)iron(II) porphyrinates: effects of binding the sixth ligand. <i>Inorganic Chemistry</i> , 2003 , 42, 5722-34	5.1	103
192	Iron normal mode dynamics in a porphyrin-imidazole model for deoxyheme proteins. <i>Physical Review E</i> , 2002 , 66, 051904	2.4	33
191	Structure of the deoxymyoglobin model [Fe(TPP)(2-MeHIm)] reveals unusual porphyrin core distortions. <i>Inorganic Chemistry</i> , 2002 , 41, 2173-81	5.1	51
190	Solid-state structures of metalloporphyrin NO(x) compounds. <i>Chemical Reviews</i> , 2002 , 102, 1067-90	68.1	238

189	Nitrosyliron(III) porphyrinates: porphyrin core conformation and FeNO geometry. Any correlation?. <i>Journal of the American Chemical Society</i> , 2002 , 124, 13833-41	16.4	44
188	Iron normal mode dynamics in (nitrosyl)iron(II)tetraphenylporphyrin from X-ray nuclear resonance data. <i>Biophysical Journal</i> , 2002 , 82, 2951-63	2.9	53
187	Unexpected nitrosyl-group bending in six-coordinate [M(NO)](6) sigma-bonded aryl(iron) and -(ruthenium) porphyrins. <i>Journal of the American Chemical Society</i> , 2001 , 123, 6314-26	16.4	93
186	In situ Fe K-edge X-ray absorption spectroscopy of a nitrosyl iron(II) porphyrin adduct adsorbed on a high-area carbon electrode in aqueous electrolytes. <i>Inorganic Chemistry</i> , 2001 , 40, 3256-8	5.1	12
185	mu-Oxo-bis[(2,3,12,13-tetrabromo-5,10,15, 20-tetraphenylporphyrinato)iron(III)] bis(dichloromethane) solvate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2000 , 56 (Pt 10), 1206-7		6
184	Magnetic interactions in the high-spin iron(III) oxooctaethylchlorinato derivative [Fe(oxoOEC)(Cl)] and its pi-cation radical [Fe(oxoOEC.)Cl]SbCl6. <i>Inorganic Chemistry</i> , 2000 , 39, 872-80	5.1	18
183	Molecular structure of an Fe(IV) species:. <i>Inorganic Chemistry</i> , 2000 , 39, 580-3	5.1	38
182	Highly Variable Bonding in the Interaction of Iron(II) Porphyrinates with Nitrite. <i>Journal of the American Chemical Society</i> , 2000 , 122, 10795-10804	16.4	50
181	Definitive assignment of the g tensor of [Fe(OEP)(NO)] by single-crystal EPR. <i>Inorganic Chemistry</i> , 2000 , 39, 3665-8	5.1	27
180	Molybdenum(V) on an oxide string. Formation and solution stability of the linear complex (mu-trans-dioxo(tetraphenylporphyrinato)molybdenato(V))-bis(oxo(tetraphenylporphyrinato)molybdenum(V)) perchlorate. <i>Inorganic Chemistry</i> , 2000 , 39, 1454-7	5.1	3
179	Structural and electronic characterization of nitrosyl(octaethylporphinato)iron(III) perchlorate derivatives. <i>Inorganic Chemistry</i> , 2000 , 39, 5102-10	5.1	56
178	Intrinsic Structural Distortions in Five-Coordinate (Nitrosyl)iron(II) Porphyrinate Derivatives. <i>Journal of the American Chemical Society</i> , 2000 , 122, 4651-4659	16.4	87
177	An integrated approach to the mid-spin state (S = 3/2) in six-coordinate iron(III) chiroporphyrins. <i>Inorganic Chemistry</i> , 2000 , 39, 3978-87	5.1	49
176	Structure and Apparent Reactivity of the pi-Cation Radical Derivatives of Zinc and Copper 5,10,15,20-Tetra(2,6-dichlorophenyl)porphyrinate. <i>Inorganic Chemistry</i> , 1999 , 38, 1316-1321	5.1	32
175	Syntheses, Characterization, and Structural Studies of Several (Nitro)(nitrosyl)iron(III) Porphyrinates: [Fe(Porph)(NO2)(NO)]. <i>Inorganic Chemistry</i> , 1999 , 38, 100-108	5.1	70
174	Nickel(II) and Zinc(II) meso-Tetracyclohexylporphyrins. Structural and Electronic Effects Induced by meso-Cyclohexyl Substitution in Metalloporphyrins. <i>Inorganic Chemistry</i> , 1999 , 38, 1772-1779	5.1	19
173	Molybdenum(V) on an Oxide String. Synthesis and Structure of the Novel Linear Trinuclear Complex {[MoO(TPP)][O-Mo(TPP)-O][MoO(TPP)]}ClO(4). <i>Inorganic Chemistry</i> , 1999 , 38, 3554-3561	5.1	20
172	Synthesis, Molecular Structures, and Properties of Six-Coordinate [Fe(OEP)(L)(NO)]+ Derivatives: Elusive Nitrosyl Ferric Porphyrins. <i>Journal of the American Chemical Society</i> , 1999 , 121, 5210-5219	16.4	92

171	Molecular Structures and Magnetochemistry of Two (μ-Oxo)octaethylchlorinato)copper(II) Derivatives: [Cu(oxoOEC)] and [Cu(oxoOEC)]SbCl ₆ . <i>Inorganic Chemistry</i> , 1999 , 38, 4294-4302	5.1	19
170	The Synthetic and Structural Chemistry of Heme Derivatives with Nitric Oxide Ligands. <i>Accounts of Chemical Research</i> , 1999 , 32, 350-359	24.3	166
169	Two Crystalline Forms of Low-Spin [Fe(TMP)(5-MeHIm) ₂]ClO ₄ . Relative Parallel and Perpendicular Axial Ligand Orientations. <i>Journal of the American Chemical Society</i> , 1999 , 121, 11144-11155	16.4	54
168	Synthesis and characterization of a neutral, low spin iron(III) complex of a hexadentate tripodal ligand containing three imidazolate arms. Use as a dinucleating agent. <i>Inorganica Chimica Acta</i> , 1998 , 278, 197-201	2.7	38
167	Neutral Ligands for Selective Chloride Anion Complexation: (μ ₅ -5,10,15,20-Tetrakis(2-(arylurea)phenyl)porphyrins. <i>Journal of the American Chemical Society</i> , 1998 , 120, 11684-11692	16.4	83
166	Heterometallic Homo- and Heteroleptic Porphyrinate Dimers with a Rhodium-Thallium Bond. <i>Inorganic Chemistry</i> , 1998 , 37, 3675-3681	5.1	17
165	Axial Coordination and Conformational Heterogeneity of Nickel(II) Tetraphenylporphyrin Complexes with Nitrogenous Bases. <i>Inorganic Chemistry</i> , 1998 , 37, 4402-4412	5.1	54
164	High-Spin Iron(III) Tetramethylchiorporphyrins: Structural, Magnetic, and ¹ H NMR Studies <i>Inorganic Chemistry</i> , 1998 , 37, 2476-2481	5.1	22
163	Tilt/Asymmetry in Nitrosyl Metalloporphyrin Complexes: The Cobalt Case. <i>Inorganic Chemistry</i> , 1998 , 37, 382-383	5.1	67
162	(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	5.1	47
161	A Cobalt(III) Chiorporphyrin and Its Amine Adducts. A Potential Chiral NMR Shift Reagent for Amines. <i>Inorganic Chemistry</i> , 1998 , 37, 526-532	5.1	33
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35	Approaches to homogeneous reduction of carbon monoxide: reaction of niobium hydrides with coordinated carbon monoxide. <i>Journal of the American Chemical Society</i> , 1978 , 100, 3254-3255	16.4	48
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