

# Kenneth D Karlin

## 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.

353  
papers

20,092  
citations

79  
h-index

124  
g-index

398  
ext. papers

21,250  
ext. citations

12  
avg, IF

6.87  
L-index

#	Paper	IF	Citations
353	End-On Copper(I) Superoxo and Cu(II) Peroxo and Hydroperoxo Complexes Generated by Cryoreduction/Annealing and Characterized by EPR/ENDOR Spectroscopy.. <i>Journal of the American Chemical Society</i> , <b>2022</b> ,	16.4	4
352	Concluding remarks: discussion on natural and artificial enzymes including synthetic models.. <i>Faraday Discussions</i> , <b>2022</b> , 234, 388-404	3.6	
351	A Thioether-Ligated Cupric Superoxide Model with Hydrogen Atom Abstraction Reactivity. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 3707-3713	16.4	9
350	Proton Relay in Iron Porphyrins for Hydrogen Evolution Reaction. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 13876-13887	13.887	6
349	Ferric Heme Superoxide Reductive Transformations to Ferric Heme (Hydro)Peroxide Species: Spectroscopic Characterization and Thermodynamic Implications for H-Atom Transfer (HAT). <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 5907-5912	16.4	5
348	Ferric Heme Superoxide Reductive Transformations to Ferric Heme (Hydro)Peroxide Species: Spectroscopic Characterization and Thermodynamic Implications for H-Atom Transfer (HAT). <i>Angewandte Chemie</i> , <b>2021</b> , 133, 5972-5977	3.6	
347	K $\alpha$ X-ray Emission Spectroscopy as a Probe of Cu(I) Sites: Application to the Cu(I) Site in Preprocessed Galactose Oxidase. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 16567-16581	5.1	2
346	Heme-Fe Superoxide, Peroxide and Hydroperoxide Thermodynamic Relationships: Fe-O Complex H-Atom Abstraction Reactivity. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 3104-3116	16.4	18
345	Copper Enzymes Involved in Multi-Electron Processes <b>2020</b> , 524-524		
344	Influence of intramolecular secondary sphere hydrogen-bonding interactions on cytochrome oxidase inspired low-spin heme-peroxo-copper complexes. <i>Chemical Science</i> , <b>2019</b> , 10, 2893-2905	9.4	15
343	Formation and Reactivity of New Isoporphyrins: Implications for Understanding the Tyr-His Cross-Link Cofactor Biogenesis in Cytochrome Oxidase. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 10632-10643	16.4	13
342	Direct Resonance Raman Characterization of a Peroxynitrito Copper Complex Generated from O and NO and Mechanistic Insights into Metal-Mediated Peroxynitrite Decomposition. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 10936-10940	16.4	9
341	Spin Interconversion of Heme-Peroxo-Copper Complexes Facilitated by Intramolecular Hydrogen-Bonding Interactions. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 4936-4951	16.4	9
340	Tuning the Geometric and Electronic Structure of Synthetic High-Valent Heme Iron(IV)-Oxo Models in the Presence of a Lewis Acid and Various Axial Ligands. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 5942-5960	16.4	31
339	Direct Resonance Raman Characterization of a Peroxynitrito Copper Complex Generated from O <sub>2</sub> and NO and Mechanistic Insights into Metal-Mediated Peroxynitrite Decomposition. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 11052-11056	3.6	0
338	Enhanced Rates of C-H Bond Cleavage by a Hydrogen-Bonded Synthetic Heme High-Valent Iron(IV) Oxo Complex. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 12558-12569	16.4	28
337	Ligand Identity-Induced Generation of Enhanced Oxidative Hydrogen Atom Transfer Reactivity for a Cu(O) Complex Driven by Formation of a Cu(OOH) Compound with a Strong O-H Bond. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 12682-12696	16.4	16

336	Copper(I) Complex Mediated Nitric Oxide Reductive Coupling: Ligand Hydrogen Bonding Derived Proton Transfer Promotes NO Release. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 17962-17967	16.4	15
335	Impact of Intramolecular Hydrogen Bonding on the Reactivity of Cupric Superoxide Complexes with O-H and C-H Substrates. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 17736-17740	3.6	1
334	Impact of Intramolecular Hydrogen Bonding on the Reactivity of Cupric Superoxide Complexes with O-H and C-H Substrates. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 17572-17576	16.4	14
333	Dimethylanilinic -Oxides and Their Oxygen Surrogacy Role in the Formation of a Putative High-Valent Copper-Oxygen Species. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 13746-13750	5.1	4
332	Heme-Cu Binucleating Ligand Supports Heme/O and Fe-Cu/O Reactivity Providing High- and Low-Spin Fe-Peroxo-Cu Complexes. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 15423-15432	5.1	7
331	Unprecedented direct cupric-superoxo conversion to a bis-oxo dicopper(III) complex and resulting oxidative activity. <i>Inorganica Chimica Acta</i> , <b>2019</b> , 485, 155-161	2.7	3
330	A mononuclear nonheme {FeNO} complex: synthesis and structural and spectroscopic characterization. <i>Chemical Science</i> , <b>2018</b> , 9, 6952-6960	9.4	8
329	Synthetic Fe/Cu Complexes: Toward Understanding Heme-Copper Oxidase Structure and Function. <i>Chemical Reviews</i> , <b>2018</b> , 118, 10840-11022	68.1	116
328	Intramolecular Hydrogen Bonding Enhances Stability and Reactivity of Mononuclear Cupric Superoxide Complexes. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 9042-9045	16.4	54
327	Substrate and Lewis Acid Coordination Promote O-O Bond Cleavage of an Unreactive LCu(O) Species to Form LCu(O) Cores with Enhanced Oxidative Reactivity. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 3186-3195	16.4	34
326	Activation of dioxygen by copper metalloproteins and insights from model complexes. <i>Journal of Biological Inorganic Chemistry</i> , <b>2017</b> , 22, 253-288	3.7	137
325	Phenol-Induced O-O Bond Cleavage in a Low-Spin Heme-Peroxo-Copper Complex: Implications for O Reduction in Heme-Copper Oxidases. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 7958-7973	16.4	33
324	Critical Aspects of Heme-Peroxo-Cu Complex Structure and Nature of Proton Source Dictate Metal-O(peroxo) Breakage versus Reductive O-O Cleavage Chemistry. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 472-481	16.4	33
323	Direct Determination of Electron-Transfer Properties of Dicopper-Bound Reduced Dioxygen Species by a Cryo-Spectroelectrochemical Approach. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 18314-18319	4.8	12
322	A Six-Coordinate Peroxynitrite Low-Spin Iron(III) Porphyrinate Complex-The Product of the Reaction of Nitrogen Monoxide (NO) with a Ferric-Superoxide Species. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 17421-17430	16.4	34
321	Copper(I)/NO Reductive Coupling Producing a trans-Hyponitrite Bridged Dicopper(II) Complex: Redox Reversal Giving Copper(I)/NO Disproportionation. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 13276-13279	16.4	37
320	Isocyanide or nitrosyl complexation to hemes with varying tethered axial base ligand donors: synthesis and characterization. <i>Journal of Biological Inorganic Chemistry</i> , <b>2016</b> , 21, 729-43	3.7	7
319	Dioxygen Activation by a Macrocyclic Copper Complex Leads to a Cu <sub>2</sub> O <sub>2</sub> Core with Unexpected Structure and Reactivity. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 5133-7	4.8	19

318	One-Step Selective Hydroxylation of Benzene to Phenol with Hydrogen Peroxide Catalysed by Copper Complexes Incorporated into Mesoporous Silica-Alumina. <i>Chemical Science</i> , <b>2016</b> , 7, 2856-2863	9.4	84
317	A Peroxynitrite Dicopper Complex: Formation via Cu-NO and Cu-O Intermediates and Reactivity via O-O Cleavage Chemistry. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 16148-16158	16.4	22
316	Peroxo and Superoxo Moieties Bound to Copper Ion: Electron-Transfer Equilibrium with a Small Reorganization Energy. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 7055-66	16.4	41
315	Factors That Control the Reactivity of Cobalt(III)-Nitrosyl Complexes in Nitric Oxide Transfer and Dioxygenation Reactions: A Combined Experimental and Theoretical Investigation. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 7753-7762	16.4	24
314	Mechanistic Insight into the Nitric Oxide Dioxygenation Reaction of Nonheme Iron(III)-Superoxo and Manganese(IV)-Peroxo Complexes. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 12591-12595	3.6	5
313	Mechanistic Insight into the Nitric Oxide Dioxygenation Reaction of Nonheme Iron(III)-Superoxo and Manganese(IV)-Peroxo Complexes. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 12403-7	16.4	13
312	Copper(I)-Dioxygen Adducts and Copper Enzyme Mechanisms. <i>Israel Journal of Chemistry</i> , <b>2016</b> , 56, 9-10	3.4	51
311	Amine oxidative N-dealkylation via cupric hydroperoxide Cu-OOH homolytic cleavage followed by site-specific fenton chemistry. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 2867-74	16.4	83
310	Reactions of a heme-superoxo complex toward a cuprous chelate and NO: CO and NOD chemistry. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2015</b> , 19, 352-360	1.8	9
309	Nitrogen Oxide Atom-Transfer Redox Chemistry; Mechanism of NO(g) to Nitrite Conversion Utilizing Exo Heme-Fe(III)-O-Cu(II)(L) Constructs. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 6602-15	16.4	24
308	Reactions of Co(III)-nitrosyl complexes with superoxide and their mechanistic insights. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 4284-7	16.4	30
307	Elaboration of copper-oxygen mediated C-H activation chemistry in consideration of future fuel and feedstock generation. <i>Current Opinion in Chemical Biology</i> , <b>2015</b> , 25, 184-93	9.7	85
306	Electrocatalytic O <sub>2</sub> -Reduction by Synthetic Cytochrome c Oxidase Mimics: Identification of a "Bridging Peroxo" Intermediate Involved in Facile 4e(-)/4H(+) O <sub>2</sub> -Reduction. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 12897-905	16.4	81
305	Synthetic heme/copper assemblies: toward an understanding of cytochrome c oxidase interactions with dioxygen and nitrogen oxides. <i>Accounts of Chemical Research</i> , <b>2015</b> , 48, 2462-74	24.3	68
304	Laser-Induced Dynamics of Peroxidocopper(II) Complexes Vary with the Ligand Architecture. One-Photon Two-Electron O <sub>2</sub> Ejection and Formation of Mixed-Valent Cu(I)Cu(II)-Superoxide Intermediates. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 15865-74	16.4	18
303	Lewis acid-induced change from four- to two-electron reduction of dioxygen catalyzed by copper complexes using scandium triflate. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 3330-7	16.4	42
302	A N3S(thioether)-ligated Cu(II)-superoxo with enhanced reactivity. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 2796-9	16.4	58
301	A "naked" Fe(III)-(O <sub>2</sub> ) <sup>-</sup> -Cu(II) species allows for structural and spectroscopic tuning of low-spin heme-peroxo-Cu complexes. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 1032-5	16.4	30

300	Tuning of the copper-thioether bond in tetradentate N <sub>3</sub> (thioether) ligands; O-O bond reductive cleavage via a [Cu(II)(E1,2-peroxo)] <sup>+</sup> /[Cu(III)(Eoxo)] <sup>+</sup> equilibrium. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 8063-71	16.4	27
299	Mechanistic insights into the oxidation of substituted phenols via hydrogen atom abstraction by a cupric-superoxo complex. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 9925-37	16.4	104
298	Copper-peptide complex structure and reactivity when found in conserved His-X(aa)-His sequences. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 12532-5	16.4	23
297	A New Paradigm for Photodynamic Therapy Drug Design: Multifunctional, Supramolecular DNA Photomodification Agents Featuring Ru(II)/Os(II) Light Absorbers Coupled to Pt(II) or Rh(III) Bioactive Sites. <i>Progress in Inorganic Chemistry</i> , <b>2014</b> , 189-244		1
296	Observation of a Cu(II)(E1,2-peroxo)/Cu(III)(Eoxo) <sub>2</sub> Equilibrium and its Implications for Copper Dioxxygen Reactivity. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 5035-5039	3.6	10
295	Monomeric Dinitrosyl Iron Complexes: Synthesis and Reactivity. <i>Progress in Inorganic Chemistry</i> , <b>2014</b> , 339-380		11
294	Cumulative Index, Volumes 1-9. <i>Progress in Inorganic Chemistry</i> , <b>2014</b> , 561-584		
293	Interactions of Nitrosoalkanes/arenes, Nitrosamines, Nitrosothiols, and Alkyl Nitrites with Metals. <i>Progress in Inorganic Chemistry</i> , <b>2014</b> , 381-446		3
292	Aminopyridine Iron and Manganese Complexes as Molecular Catalysts for Challenging Oxidative Transformations. <i>Progress in Inorganic Chemistry</i> , <b>2014</b> , 447-532		14
291	Progress Toward the Electrocatalytic Production of Liquid Fuels from Carbon Dioxide. <i>Progress in Inorganic Chemistry</i> , <b>2014</b> , 299-338		8
290	Iron Catalysis in Synthetic Chemistry. <i>Progress in Inorganic Chemistry</i> , <b>2014</b> , 1-188		3
289	Selective Binding of Zn <sup>2+</sup> Complexes to Non-Canonical Thymine or Uracil in DNA or RNA. <i>Progress in Inorganic Chemistry</i> , <b>2014</b> , 245-298		2
288	Copper Peroxide Bioinorganic Chemistry: From Metalloenzymes to Bioinspired Synthetic Systems <b>2014</b> , 1-52		1
287	Observation of a Cu(II)(2)(E1,2-peroxo)/Cu(III)(2)(Eoxo)(2) equilibrium and its implications for copper-dioxygen reactivity. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 4935-9	16.4	43
286	A selective stepwise heme oxygenase model system: an iron(IV)-oxo porphyrin cation radical leads to a verdoheme-type compound via an isoporphyrin intermediate. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 16248-51	16.4	32
285	Correlation of the electronic and geometric structures in mononuclear copper(II) superoxide complexes. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 12872-4	5.1	37
284	L-edge X-ray absorption spectroscopy and DFT calculations on Cu <sub>2</sub> O <sub>2</sub> species: direct electrophilic aromatic attack by side-on peroxo bridged dicopper(II) complexes. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 17417-31	16.4	39
283	Reactions of a chromium(III)-superoxo complex and nitric oxide that lead to the formation of chromium(IV)-oxo and chromium(III)-nitrito complexes. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 14900-3	16.4	40

282	New heme-dioxygen and carbon monoxide adducts using pyridyl or imidazolyl tailed porphyrins. <i>Polyhedron</i> , <b>2013</b> , 58, 190-190	2.7	12
281	Enhanced catalytic four-electron dioxygen (O <sub>2</sub> ) and two-electron hydrogen peroxide (H <sub>2</sub> O <sub>2</sub> ) reduction with a copper(II) complex possessing a pendant ligand pivalamido group. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 6513-22	16.4	79
280	Temperature-independent catalytic two-electron reduction of dioxygen by ferrocenes with a copper(II) tris[2-(2-pyridyl)ethyl]amine catalyst in the presence of perchloric acid. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 2825-34	16.4	56
279	Acid-induced mechanism change and overpotential decrease in dioxygen reduction catalysis with a dinuclear copper complex. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 4018-26	16.4	49
278	Stepwise protonation and electron-transfer reduction of a primary copper-dioxygen adduct. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 16454-67	16.4	63
277	Computational study of the activated O(H) state in the catalytic mechanism of cytochrome c oxidase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 16844-9	11.5	44
276	Spectroscopic Elucidation of a New Heme/Copper Dioxygen Structure Type: Implications for O-O Bond Rupture in Cytochrome c Oxidase. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 172-176	3.6	4
275	Spectroscopic elucidation of a new heme/copper dioxygen structure type: implications for O-O bond rupture in cytochrome c oxidase. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 168-72	16.4	41
274	Coordination chemistry and reactivity of a cupric hydroperoxide species featuring a proximal H-bonding substituent. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 12603-5	5.1	58
273	Heme/copper assembly mediated nitrite and nitric oxide interconversion. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 18912-5	16.4	32
272	Geometric and electronic structure of $[\{Cu(MeAN)}_2(\mu_2-O_2(2-))\}]^{2+}$ with an unusually long O-O bond: O-O bond weakening vs activation for reductive cleavage. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 8513-24	16.4	47
271	Hydrogen Peroxide as a Sustainable Energy Carrier: Electrocatalytic Production of Hydrogen Peroxide and the Fuel Cell. <i>Electrochimica Acta</i> , <b>2012</b> , 82, 493-511	6.7	176
270	Chromium(IV)-peroxo complex formation and its nitric oxide dioxygenase reactivity. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 15269-72	16.4	59
269	Factors that control catalytic two- versus four-electron reduction of dioxygen by copper complexes. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 7025-35	16.4	73
268	Reversible dioxygen binding and arene hydroxylation reactions: Kinetic and thermodynamic studies involving ligand electronic and structural variations. <i>Inorganica Chimica Acta</i> , <b>2012</b> , 389, 138-150	2.7	11
267	Theoretical Aspects of Dioxygen Activation in Dicopper Enzymes <b>2011</b> , 197-224		1
266	Mechanisms of Water Oxidation Catalyzed by Ruthenium Coordination Complexes. <i>Progress in Inorganic Chemistry</i> , <b>2011</b> , 1-54		4
265	Functionalization of Fluorinated Aromatics by Nickel-Mediated C-H and C-F Bond Oxidative Addition: Prospects for the Synthesis of Fluorine-Containing Pharmaceuticals. <i>Progress in Inorganic Chemistry</i> , <b>2011</b> , 255-352		17

- 264 Cupric superoxo-mediated intermolecular C-H activation chemistry. *Journal of the American Chemical Society*, **2011**, 133, 1702-5 16.4 126
- 263 Metallo- $\beta$ -lactamases and their Synthetic Mimics: Structure, Function, and Catalytic Mechanism. *Progress in Inorganic Chemistry*, **2011**, 395-443 2
- 262 Amine Oxidase and Galactose Oxidase **2011**, 53-106 11
- 261 Insights into the Proposed Copper-Oxygen Intermediates that Regulate the Mechanism of Reactions Catalyzed by Dopamine  $\beta$ -Monooxygenase, Peptidylglycine  $\beta$ -Hydroxylating Monooxygenase, and Tyramine  $\beta$ -Monooxygenase **2011**, 1-22 9
- 260 Organic Synthetic Methods Using Copper Oxygen Chemistry **2011**, 361-444 4
- 259 Structure and Reactivity of Copper-Oxygen Species Revealed by Competitive Oxygen-18 Isotope Effects **2011**, 169-195
- 258 Cytochrome c Oxidase and Models **2011**, 283-319 3
- 257 Supramolecular Copper Dioxygen Chemistry **2011**, 321-360 1
- 256 Copper Dioxygenases **2011**, 23-52 9
- 255 Energy Conversion and Conservation by Cytochrome Oxidases **2011**, 107-129
- 254 Multicopper Proteins **2011**, 131-168 5
- 253 Spectroscopic and computational characterization of CuII-OOR (R = H or cumyl) complexes bearing a Me6-tren ligand. *Dalton Transactions*, **2011**, 40, 2234-41 4.3 34
- 252 Oxygen Evolution Reaction Chemistry of Oxide-Based Electrodes. *Progress in Inorganic Chemistry*, **2011**, 505-560 32
- 251 Electronic structure of a low-spin heme/Cu peroxide complex: spin-state and spin-topology contributions to reactivity. *Inorganic Chemistry*, **2011**, 50, 11777-86 5.1 27
- 250 Chemical Reactivity of Copper Active-Oxygen Complexes **2011**, 225-282 17
- 249 Photoactivated DNA Cleavage and Anticancer Activity of 3d Metal Complexes. *Progress in Inorganic Chemistry*, **2011**, 119-202 2
- 248 Homogeneous catalytic O<sub>2</sub> reduction to water by a cytochrome c oxidase model with trapping of intermediates and mechanistic insights. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 13990-4 11.5 93
- 247 A New Class of Nanostructured Inorganic/Organic Hybrid Semiconductors Based on II/VI Binary Compounds. *Progress in Inorganic Chemistry*, **2011**, 445-504 10

246	Spectroscopic and computational studies of an end-on bound superoxo-Cu(II) complex: geometric and electronic factors that determine the ground state. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 9450-9	5.1	81
245	CO and O <sub>2</sub> binding to pseudo-tetradentate ligand-copper(I) complexes with a variable N-donor moiety: kinetic/thermodynamic investigation reveals ligand-induced changes in reaction mechanism. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 12927-40	16.4	29
244	Bioinspired heme, heme/nonheme diiron, heme/copper, and inorganic NO <sub>x</sub> chemistry: *NO((g)) oxidation, peroxyxynitrite-metal chemistry, and *NO((g)) reductive coupling. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 6267-82	5.1	88
243	Sulfur donor atom effects on copper(I)/O <sub>2</sub> chemistry with thioanisole containing tetradentate N(3)S ligand leading to $\mu$ -1,2-peroxo-dicopper(II) species. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 8873-85	5.1	28
242	Heme-copper-dioxygen complexes: toward understanding ligand-environmental effects on the coordination geometry, electronic structure, and reactivity. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 3629-45	5.1	60
241	Mononuclear copper complex-catalyzed four-electron reduction of oxygen. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 6874-5	16.4	106
240	Thioether S-ligation in a side-on micro- $\eta^2$ : $\eta^2$ -peroxodicopper(II) complex. <i>Chemical Communications</i> , <b>2010</b> , 46, 91-3	5.8	25
239	Reductive coupling of nitrogen monoxide (*NO) facilitated by heme/copper complexes. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 1404-19	5.1	42
238	One is lonely and three is a crowd: two coppers are for methane oxidation. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 6714-6	16.4	74
237	The Use of Metalloligands in Metal-Organic Frameworks. <i>Progress in Inorganic Chemistry</i> , <b>2009</b> , 335-378		57
236	Synthetic Models for the Urease Active Site. <i>Progress in Inorganic Chemistry</i> , <b>2009</b> , 487-542		16
235	A peroxyxynitrite complex of copper: formation from a copper-nitrosyl complex, transformation to nitrite and exogenous phenol oxidative coupling or nitration. <i>Journal of Biological Inorganic Chemistry</i> , <b>2009</b> , 14, 1301-11	3.7	45
234	Copper-dioxygen complex mediated C-H bond oxygenation: relevance for particulate methane monooxygenase (pMMO). <i>Current Opinion in Chemical Biology</i> , <b>2009</b> , 13, 119-31	9.7	194
233	Copper(I)/O <sub>2</sub> chemistry with imidazole containing tripodal tetradentate ligands leading to $\mu$ -1,2-peroxo-dicopper(II) species. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 11297-309	5.1	40
232	Heme/O <sub>2</sub> /*NO nitric oxide dioxygenase (NOD) reactivity: phenolic nitration via a putative heme-peroxyxynitrite intermediate. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 11304-5	16.4	54
231	Carbon monoxide and nitrogen monoxide ligand dynamics in synthetic heme and heme-copper complex systems. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 13924-5	16.4	18
230	Silver-Mediated Oxidation Reactions: Recent Advances and New Prospects. <i>Progress in Inorganic Chemistry</i> , <b>2009</b> , 1-48		4
229	Cyanide-Bridged Complexes of Transition Metals: A Molecular Magnetism Perspective. <i>Progress in Inorganic Chemistry</i> , <b>2009</b> , 155-334		195



228	Roles of Metal Ions in Controlling Bioinspired Electron-Transfer Systems. Metal Ion-Coupled Electron Transfer. <i>Progress in Inorganic Chemistry</i> , <b>2009</b> , 49-154		71
227	Heme-copper assembly mediated reductive coupling of nitrogen monoxide (*NO). <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 450-1	16.4	44
226	Exploring the Supramolecular Coordination Chemistry-Based Approach for Nanotechnology. <i>Progress in Inorganic Chemistry</i> , <b>2009</b> , 379-486		25
225	Cumulative Index, Volumes 1-56. <i>Progress in Inorganic Chemistry</i> , <b>2009</b> , 569-586		
224	Copper dioxygen adducts: formation of bis(mu-oxo)dicopper(III) versus (mu-1,2)Peroxodicopper(II) complexes with small changes in one pyridyl-ligand substituent. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 3787-800	5.1	56
223	Copper-hydroperoxo-mediated N-debenzylation chemistry mimicking aspects of copper monooxygenases. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 8736-47	5.1	53
222	Carbon monoxide coordination and reversible photodissociation in copper(I) pyridylalkylamine compounds. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 241-56	5.1	32
221	Reaction of a copper-dioxygen complex with nitrogen monoxide (*NO) leads to a copper(II)-peroxynitrite species. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 6700-1	16.4	71
220	Reactions of a copper(II) superoxo complex lead to C-H and O-H substrate oxygenation: modeling copper-monooxygenase C-H hydroxylation. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 82-5	16.4	186
219	Structural studies of copper(I) complexes of amyloid-beta peptide fragments: formation of two-coordinate bis(histidine) complexes. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 9084-7	16.4	114
218	Elucidation of Electron- Transfer Pathways in Copper and Iron Proteins by Pulse Radiolysis Experiments. <i>Progress in Inorganic Chemistry</i> , <b>2008</b> , 1-78		15
217	Peptide- or Protein-Cleaving Agents Based on Metal Complexes. <i>Progress in Inorganic Chemistry</i> , <b>2008</b> , 79-142		19
216	Coordination Polymers of the Lanthanide Elements: A Structural Survey. <i>Progress in Inorganic Chemistry</i> , <b>2008</b> , 143-204		11
215	Supramolecular Chemistry of Gases. <i>Progress in Inorganic Chemistry</i> , <b>2008</b> , 205-246		3
214	The Organometallic Chemistry of Rh-, Ir-, Pd-, and Pt-Based Radicals: Higher Valent Species. <i>Progress in Inorganic Chemistry</i> , <b>2008</b> , 247-354		91
213	Unique Metal-Diyne, -Enyne, and -Eneidyne Complexes: Part of the Remarkably Diverse World of Metal-Alkyne Chemistry. <i>Progress in Inorganic Chemistry</i> , <b>2008</b> , 355-482		4
212	Oxygen Activation Chemistry of Pacman and Hangman Porphyrin Architectures Based on Xanthene and Dibenzofuran Spacers. <i>Progress in Inorganic Chemistry</i> , <b>2008</b> , 483-544		37
211	Metal-Containing Nucleic Acid Structures Based on Synergetic Hydrogen and Coordination Bonding. <i>Progress in Inorganic Chemistry</i> , <b>2008</b> , 545-612		24

210	Bispidine Coordination Chemistry. <i>Progress in Inorganic Chemistry</i> , <b>2008</b> , 613-704		82
209	Cumulative Index, Volumes 1-55. <i>Progress in Inorganic Chemistry</i> , <b>2008</b> , 743-759		
208	Intermolecular versus intramolecular electron-/atom- (Cl) transfer in heme-iron and copper pyridylalkylamine complexes. <i>Inorganica Chimica Acta</i> , <b>2008</b> , 361, 1100-1115	2.7	3
207	Copper(II)-hydroperoxo complex induced oxidative N-dealkylation chemistry. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 6720-1	16.4	77
206	Ternary Transition Metal Sulfides. <i>Progress in Inorganic Chemistry</i> , <b>2007</b> , 139-237		10
205	Generation and characterization of [(P)M-(X)-Co(TMPA)] <sup>n+</sup> assemblies; P = Porphyrinate, M = Fe <sup>III</sup> and Co <sup>III</sup> , X = O <sub>2</sub> <sup>-</sup> , OH <sup>-</sup> , O <sub>2</sub> ( <sup>2-</sup> ), and TMPA = tris(2-pyridylmethyl)amine. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 3017-26	5.1	21
204	Reactivity studies on Fe(III)-(O <sub>2</sub> ( <sup>2-</sup> ))-Cu(II) compounds: influence of the ligand architecture and copper ligand denticity. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 6382-94	5.1	37
203	Aryl hydroxylation from a mononuclear copper-hydroperoxo species. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 6998-9	16.4	113
202	Copper(I) complex O(2)-reactivity with a N(3)S thioether ligand: a copper-dioxygen adduct including sulfur ligation, ligand oxygenation, and comparisons with all nitrogen ligand analogues. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 6056-68	5.1	55
201	Principles and Applications of Semiconductor Photoelectrochemistry. <i>Progress in Inorganic Chemistry</i> , <b>2007</b> , 21-144		100
200	Chemistry of Transition Metal Cyanide Compounds: Modern Perspectives. <i>Progress in Inorganic Chemistry</i> , <b>2007</b> , 283-391		397
199	Polyoxometalate Complexes in Organic Oxidation Chemistry. <i>Progress in Inorganic Chemistry</i> , <b>2007</b> , 317-370		232
198	The Application of Polychalcogenide Salts to the Exploratory Synthesis of Solid State Multinary Chalcogenides at Intermediate Temperatures. <i>Progress in Inorganic Chemistry</i> , <b>2007</b> , 151-265		88
197	Further insights into the spectroscopic properties, electronic structure, and kinetics of formation of the heme-peroxo-copper complex [(F8TPP)Fe <sup>III</sup> -(O <sub>2</sub> ( <sup>2-</sup> ))-Cu <sup>I</sup> (TMPA)] <sup>+</sup> . <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 3889-902	5.1	23
196	Synthesis, Structure, and Properties of Organic-Inorganic Perovskites and Related Materials. <i>Progress in Inorganic Chemistry</i> , <b>2007</b> , 1-121		432
195	The Chemistry of Transition Metal Complexes Containing Catechol and Semiquinone Ligands. <i>Progress in Inorganic Chemistry</i> , <b>2007</b> , 331-442		260
194	The Interpretation of Ligand Field Parameters. <i>Progress in Inorganic Chemistry</i> , <b>2007</b> , 179-281		20
193	Three-Coordinate Complexes of Hard Ligands: Advances in Synthesis, Structure and Reactivity. <i>Progress in Inorganic Chemistry</i> , <b>2007</b> , 685-836		32

192	Metal Complexes of Calixarenes. <i>Progress in Inorganic Chemistry</i> , <b>2007</b> , 533-592		76
191	Terminal Chalcogenido Complexes of the Transition Metals. <i>Progress in Inorganic Chemistry</i> , <b>2007</b> , 1-165		27
190	Coordination Chemistry of Transition Metals with Hydrogen Chalcogenide and Hydrochalcogenido Ligands. <i>Progress in Inorganic Chemistry</i> , <b>2007</b> , 169-453		19
189	Nonclassical Metal Carbonyls. <i>Progress in Inorganic Chemistry</i> , <b>2007</b> , 1-112		70
188	A 1:1 copper-dioxygen adduct is an end-on bound superoxo copper(II) complex which undergoes oxygenation reactions with phenols. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 264-5	16.4	169
187	Transition Metals in Polymeric $\pi$ -Conjugated Organic Frameworks. <i>Progress in Inorganic Chemistry</i> , <b>2007</b> , 123-231		101
186	Native and Surface Modified Semiconductor Nanoclusters. <i>Progress in Inorganic Chemistry</i> , <b>2007</b> , 273-343		19
185	The Role of the Pyrazolate Ligand in Building Polynuclear Transition Metal Systems. <i>Progress in Inorganic Chemistry</i> , <b>2007</b> , 151-238		185
184	The Transition Metal Coordination Chemistry of Hemilabile Ligands. <i>Progress in Inorganic Chemistry</i> , <b>2007</b> , 233-350		269
183	Coordination Chemistry of Azacryptands. <i>Progress in Inorganic Chemistry</i> , <b>2007</b> , 167-316		49
182	Organoimido Complexes of the Transition Metals. <i>Progress in Inorganic Chemistry</i> , <b>2007</b> , 239-482		232
181	The Chemistry of Peroxonitrites. <i>Progress in Inorganic Chemistry</i> , <b>2007</b> , 599-635		46
180	Texaphyrins: Synthesis and Development of a Novel Class of Therapeutic Agents. <i>Progress in Inorganic Chemistry</i> , <b>2007</b> , 551-598		33
179	Macrocyclic Polyamine Zinc(II) Complexes as Advanced Models for Zinc(II) Enzymes. <i>Progress in Inorganic Chemistry</i> , <b>2007</b> , 443-491		70
178	Higher Oligopyridines as a Structural Motif in Metallosupramolecular Chemistry. <i>Progress in Inorganic Chemistry</i> , <b>2007</b> , 67-138		134
177	The Chemistry of Nickel-Containing Enzymes. <i>Progress in Inorganic Chemistry</i> , <b>2007</b> , 493-597		53
176	Langmuir-Blodgett Films of Transition Metal Complexes. <i>Progress in Inorganic Chemistry</i> , <b>2007</b> , 97-142		2
175	Oxovanadium and Oxomolybdenum Clusters and Solids Incorporating Oxygen-Donor Ligands. <i>Progress in Inorganic Chemistry</i> , <b>2007</b> , 1-149		110

174	The Influence of Ligands on Dirhodium(II) on Reactivity and Selectivity in Metal Carbene Reactions. <i>Progress in Inorganic Chemistry</i> , <b>2007</b> , 113-168	46
173	Metal Phosphonate Chemistry. <i>Progress in Inorganic Chemistry</i> , <b>2007</b> , 371-510	285
172	Copper(I), Lithium, and Magnesium Thiolate Complexes: An Overview with Due Mention of Selenolate and Telluroate Analogues and Related Silver(I) and Gold(I) Species. <i>Progress in Inorganic Chemistry</i> , <b>2007</b> , 97-149	24
171	Oxygen Activation Mechanism at the Binuclear Site of Heme Copper Oxidase Superfamily as Revealed by Time-Resolved Resonance Raman Spectroscopy. <i>Progress in Inorganic Chemistry</i> , <b>2007</b> , 431-479	41
170	Anion Binding and Recognition by Inorganic Based Receptors. <i>Progress in Inorganic Chemistry</i> , <b>2007</b> , 1-96	83
169	Palladium Complex Catalyzed Oxidation Reactions. <i>Progress in Inorganic Chemistry</i> , <b>2007</b> , 483-576	14
168	The Chemistry of Synthetic FeMoS Clusters and their Relevance to the Structure and Function of the FeMoS Center in Nitrogenase. <i>Progress in Inorganic Chemistry</i> , <b>2007</b> , 599-662	40
167	The Coordination Chemistry of Phosphinines: Their Polydentate and Macrocyclic Derivatives. <i>Progress in Inorganic Chemistry</i> , <b>2007</b> , 455-550	32
166	X-Ray Crystallography: A Fast, First-Resort Analytical Tool. <i>Progress in Inorganic Chemistry</i> , <b>2007</b> , 1-19	83
165	Metal Carbohydrate Complexes in Solution. <i>Progress in Inorganic Chemistry</i> , <b>2007</b> , 837-945	54
164	Recent Trends in Metal Alkoxide Chemistry. <i>Progress in Inorganic Chemistry</i> , <b>2007</b> , 239-454	70
163	Heme-copper/dioxygen adduct formation, properties, and reactivity. <i>Accounts of Chemical Research</i> , <b>2007</b> , 40, 563-72	24.3 125
162	A Supramolecular Approach to Light Harvesting and Sensitization of Wide-Bandgap Semiconductors: Antenna Effects and Charge Separation. <i>Progress in Inorganic Chemistry</i> , <b>2007</b> , 1-95	52
161	Molecular and Supramolecular Surface Modification of Nanocrystalline TiO <sub>2</sub> Films: Charge-Separating and Charge-Injecting Devices. <i>Progress in Inorganic Chemistry</i> , <b>2007</b> , 345-393	38
160	Coordination Chemistry with Sterically Hindered Hydrotris(pyrazolyl)borate Ligands: Organometallic and Bioinorganic Perspectives. <i>Progress in Inorganic Chemistry</i> , <b>2007</b> , 419-531	171
159	Synthesis and X-ray absorption spectroscopy structural studies of Cu(I) complexes of histidylhistidine peptides: the predominance of linear 2-coordinate geometry. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 5352-3	16.4 82
158	Synthesis and Characterization of PY2- and TPA-Appended Diphenylglycoluril Receptors and Their Bis-CuI Complexes. <i>European Journal of Organic Chemistry</i> , <b>2006</b> , 2006, 2281-2295	3.2 9
157	Nitrogen Monoxide and Nitrous Oxide Binding and Reduction <b>2006</b> , 43-79	20

156	Reactivity study of a hydroperoxodicopper(II) complex: hydroxylation, dehydrogenation, and ligand cross-link reactions. <i>Inorganic Chemistry</i> , <b>2006</b> , 45, 7160-72	5.1	31
155	Ligand Influences in Copper-Dioxygen Complex-Formation and Substrate Oxidations. <i>Advances in Inorganic Chemistry</i> , <b>2006</b> , 131-184	2.1	90
154	Copper-dioxygen adducts and the side-on peroxo dicopper(II)/bis(mu-oxo) dicopper(III) equilibrium: Significant ligand electronic effects. <i>Inorganic Chemistry</i> , <b>2006</b> , 45, 3004-13	5.1	64
153	Dioxygen reactivity of a copper(I) complex with a N3S thioether chelate; peroxo-dicopper(II) formation including sulfur-ligation. <i>Inorganic Chemistry</i> , <b>2006</b> , 45, 10055-7	5.1	38
152	Atomlike Building Units of Adjustable Character: Solid-State and Solution Routes to Manipulating Hexanuclear Transition Metal Chalcohalide Clusters. <i>Progress in Inorganic Chemistry</i> , <b>2005</b> , 1-45		17
151	Tridentate copper ligand influences on heme-peroxo-copper formation and properties: reduced, superoxo, and mu-peroxo iron/copper complexes. <i>Inorganic Chemistry</i> , <b>2005</b> , 44, 7014-29	5.1	35
150	Heme/non-heme diiron(II) complexes and O <sub>2</sub> , CO, and NO adducts as reduced and substrate-bound models for the active site of bacterial nitric oxide reductase. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 3310-20	16.4	70
149	Dioxygen reactivity of copper and heme-copper complexes possessing an imidazole-phenol cross-link. <i>Inorganic Chemistry</i> , <b>2005</b> , 44, 1238-47	5.1	42
148	Geometric and electronic structure of the heme-peroxo-copper complex [(F8TPP)FeIII-(O <sub>2</sub> <sup>2-</sup> )-CuII(TMPA)](ClO <sub>4</sub> ). <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 11969-78	16.4	31
147	Doped Semiconductor Nanocrystals: Synthesis, Characterization, Physical Properties, and Applications. <i>Progress in Inorganic Chemistry</i> , <b>2005</b> , 47-126		244
146	Photoinduced carbon monoxide migration in a synthetic heme-copper complex. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 6225-30	16.4	13
145	Cumulative Index, Volumes 1-3. <i>Progress in Inorganic Chemistry</i> , <b>2005</b> , 587-603		
144	Transition Metal Dithiocarbamates: 1978-2003. <i>Progress in Inorganic Chemistry</i> , <b>2005</b> , 71-561		397
143	Main Group Dithiocarbamate Complexes. <i>Progress in Inorganic Chemistry</i> , <b>2005</b> , 1-69		100
142	Alterations of Nucleobase pK <sub>a</sub> Values upon Metal Coordination: Origins and Consequences. <i>Progress in Inorganic Chemistry</i> , <b>2005</b> , 385-447		85
141	Trivalent Uranium: A Versatile Species for Molecular Activation. <i>Progress in Inorganic Chemistry</i> , <b>2005</b> , 321-348		18
140	Heme-copper/dioxygen adduct formation relevant to cytochrome c oxidase: spectroscopic characterization of [(6L)FeIII-(O <sub>2</sub> <sup>2-</sup> )-CuII] <sup>+</sup> . <i>Journal of Biological Inorganic Chemistry</i> , <b>2005</b> , 10, 63-77	3.7	25
139	Functionalization of Myoglobin. <i>Progress in Inorganic Chemistry</i> , <b>2005</b> , 449-493		12

- 138 Cumulative Index, Volumes 1B4. *Progress in Inorganic Chemistry*, **2005**, 519-535
- 137 Comparison of the Chemical Biology of NO and HNO: An Inorganic Perspective. *Progress in Inorganic Chemistry*, **2005**, 349-384 10
- 136 Stereochemical Aspects of Metal Xanthate Complexes: Molecular Structures and Supramolecular Self-Assembly. *Progress in Inorganic Chemistry*, **2005**, 127-319 149
- 135 Synthetic models for heme-copper oxidases. *Chemical Reviews*, **2004**, 104, 1077-133 68.1 362
- 134 Oxidant types in copper-dioxygen chemistry: the ligand coordination defines the Cu(n)-O<sub>2</sub> structure and subsequent reactivity. *Journal of Biological Inorganic Chemistry*, **2004**, 9, 669-83 3.7 302
- 133 Solvent effects on the conversion of dicopper(II) micro-eta(2):eta(2)-peroxo to bis-micro-oxo dicopper(III) complexes: direct probing of the solvent interaction. *Inorganic Chemistry*, **2004**, 43, 4115-7 5.1 45
- 132 Mono-, bi-, and trinuclear Cu(I)-Cl containing products based on the tris(2-pyridylmethyl)amine chelate derived from copper(I) complex dechlorination reactions of chloroform. *Inorganic Chemistry*, **2004**, 43, 5987-98 5.1 79
- 131 Solid-State Properties (Electronic, Magnetic, Optical) of Dithiolene Complex-Based Compounds. *Progress in Inorganic Chemistry*, **2004**, 399-489 56
- 130 Heme/Cu/O<sub>2</sub> reactivity: change in Fe(III)-(O<sub>2</sub><sup>2-</sup>)-Cu(I) unit peroxo binding geometry effected by tridentate copper chelation. *Journal of the American Chemical Society*, **2004**, 126, 12716-7 16.4 34
- 129 Cumulative Index, Volumes 1B2. *Progress in Inorganic Chemistry*, **2004**, 723-738
- 128 The Electronic Structure and Spectroscopy of Metallo-Dithiolene Complexes. *Progress in Inorganic Chemistry*, **2004**, 111-212 35
- 127 Synthesis of Transition Metal Dithiolenes. *Progress in Inorganic Chemistry*, **2004**, 1-54 37
- 126 Chemical Analogues of the Catalytic Centers of Molybdenum and Tungsten Dithiolene-Containing Enzymes. *Progress in Inorganic Chemistry*, **2004**, 539-583 37
- 125 Dithiolenes in Biology. *Progress in Inorganic Chemistry*, **2004**, 491-537 22
- 124 Dithiolenes in More Complex Ligands. *Progress in Inorganic Chemistry*, **2004**, 585-681 12
- 123 Structures and Structural Trends in Homoleptic Dithiolene Complexes. *Progress in Inorganic Chemistry*, **2004**, 55-110 52
- 122 Vibrational Spectra of Dithiolene Complexes. *Progress in Inorganic Chemistry*, **2004**, 213-266 15
- 121 Electrochemical and Chemical Reactivity of Dithiolene Complexes. *Progress in Inorganic Chemistry*, **2004**, 267-314 21

120	Luminescence and Photochemistry of Metal Dithiolene Complexes. <i>Progress in Inorganic Chemistry</i> , <b>2004</b> , 315-367		35
119	Metal Dithiolene Complexes in Detection: Past, Present, and Future. <i>Progress in Inorganic Chemistry</i> , <b>2004</b> , 369-397		10
118	Electrocatalytic four-electron reductions of O <sub>2</sub> to H <sub>2</sub> O with cytochrome c oxidase model compounds. <i>Electrochimica Acta</i> , <b>2003</b> , 48, 4077-4082	6.7	26
117	An iron-peroxo porphyrin complex: new synthesis and reactivity toward a Cu(II) complex giving a heme-peroxo-copper adduct. <i>Journal of the American Chemical Society</i> , <b>2003</b> , 125, 16160-1	16.4	48
116	Resonance raman investigation of equatorial ligand donor effects on the Cu(2)O(2)(2+) core in end-on and side-on mu-peroxo-dicopper(II) and bis-mu-oxo-dicopper(III) complexes. <i>Journal of the American Chemical Society</i> , <b>2003</b> , 125, 5186-92	16.4	83
115	Tuning copper-dioxygen reactivity and exogenous substrate oxidations via alterations in ligand electronics. <i>Journal of the American Chemical Society</i> , <b>2003</b> , 125, 634-5	16.4	84
114	Synthesis, characterization, and laser flash photolysis reactivity of a carbonmonoxy heme complex. <i>Inorganic Chemistry</i> , <b>2003</b> , 42, 5211-8	5.1	33
113	The rate of O <sub>2</sub> and CO binding to a copper complex, determined by a "flash-and-trap" technique, exceeds that for hemes. <i>Journal of the American Chemical Society</i> , <b>2003</b> , 125, 11866-71	16.4	63
112	Synthesis and characterization of reduced heme and heme/copper carbonmonoxy species. <i>Inorganic Chemistry</i> , <b>2003</b> , 42, 3016-25	5.1	38
111	Distinguishing rate-limiting electron versus H-atom transfers in Cu <sub>2</sub> O <sub>2</sub> -mediated oxidative N-dealkylations: application of inter- versus intramolecular kinetic isotope effects. <i>Journal of the American Chemical Society</i> , <b>2003</b> , 125, 12670-1	16.4	62
110	Copper(I)-dioxygen reactivity of [(L)Cu(I)](+) (L = tris(2-pyridylmethyl)amine): kinetic/thermodynamic and spectroscopic studies concerning the formation of Cu-O <sub>2</sub> and Cu <sub>2</sub> -O <sub>2</sub> adducts as a function of solvent medium and 4-pyridyl ligand substituent variations. <i>Inorganic Chemistry</i> , <b>2003</b> , 42, 1807-24	5.1	164
109	Superoxo, mu-peroxo, and mu-oxo complexes from heme/O <sub>2</sub> and heme-Cu/O <sub>2</sub> reactivity: copper ligand influences in cytochrome c oxidase models. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2003</b> , 100, 3623-8	11.5	81
108	Combinatorial Parallel Approaches to Catalyst Discovery and Development. <i>Progress in Inorganic Chemistry</i> , <b>2002</b> , 433-471		2
107	Low-temperature UV-visible and NMR spectroscopic investigations of O(2) binding to ((6)L)Fe(II), a ferrous heme bearing covalently tethered axial pyridine ligands. <i>Inorganic Chemistry</i> , <b>2002</b> , 41, 2400-7	5.1	27
106	Phenoxy Radical Complexes. <i>Progress in Inorganic Chemistry</i> , <b>2002</b> , 151-216		72
105	Gas-Phase Coordination Chemistry of Transition Metal Ions. <i>Progress in Inorganic Chemistry</i> , <b>2002</b> , 343-432		3
104	Peripherally Functionalized Porphyrazines: Novel Metallomacrocycles with Broad, Untapped Potential. <i>Progress in Inorganic Chemistry</i> , <b>2002</b> , 473-590		19
103	Structural and Mechanistic Investigations in Asymmetric Copper(I) and Copper(II) Catalyzed Reactions. <i>Progress in Inorganic Chemistry</i> , <b>2002</b> , 1-150		8

102	Synthesis of Large Pore Zeolites and Molecular Sieves. <i>Progress in Inorganic Chemistry</i> , <b>2002</b> , 217-268		2
101	Nitric oxide in biological denitrification: Fe/Cu metalloenzyme and metal complex NO(x) redox chemistry. <i>Chemical Reviews</i> , <b>2002</b> , 102, 1201-34	68.1	394
100	Inorganic Nanoclusters with Fullerene-Like Structure and Nanotubes. <i>Progress in Inorganic Chemistry</i> , <b>2002</b> , 269-315		10
99	Contrasting copper-dioxygen chemistry arising from alike tridentate alkyltriamine copper(I) complexes. <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 4170-1	16.4	83
98	A bis-acetonitrile two-coordinate copper(I) complex: synthesis and characterization of highly soluble B(C(6)F(5))(4)(-) salts of [Cu(MeCN)(2)](+) and [Cu(MeCN)(4)](+). <i>Inorganic Chemistry</i> , <b>2002</b> , 41, 2209-12	5.1	72
97	High-Performance Pure Calcium Phosphate Bioceramics: The First Weight Bearing, Completely Resorbable Synthetic Bone Replacement Materials. <i>Progress in Inorganic Chemistry</i> , <b>2002</b> , 317-342		
96	Isocyanide binding to the copper(I) centers of the catalytic core of peptidylglycine monooxygenase (PHMcc). <i>Journal of Biological Inorganic Chemistry</i> , <b>2001</b> , 6, 567-77	3.7	18
95	Dioxygen reactivity of mononuclear heme and copper components yielding a high-spin heme-peroxo-cu complex. <i>Journal of the American Chemical Society</i> , <b>2001</b> , 123, 6183-4	16.4	81
94	Dicopper(I) complexes of unsymmetrical binucleating ligands and their dioxygen reactivities. <i>Inorganic Chemistry</i> , <b>2001</b> , 40, 628-35	5.1	80
93	Dioxygen mediated oxo-transfer to an amine and oxidative N-dealkylation chemistry with a dinuclear copper complex. <i>Chemical Communications</i> , <b>2001</b> , 631-632	5.8	21
92	Copper(I) complexes, copper(I)/O(2) reactivity, and copper(II) complex adducts, with a series of tetradentate tripyridylalkylamine tripodal ligands. <i>Inorganic Chemistry</i> , <b>2001</b> , 40, 2312-22	5.1	161
91	Recognition and strand scission at junctions between single- and double-stranded DNA by a trinuclear copper complex. <i>Journal of the American Chemical Society</i> , <b>2001</b> , 123, 5588-9	16.4	70
90	Reversible carbon monoxide photodissociation from Cu(I) coordination compounds. <i>Inorganic Chemistry</i> , <b>2001</b> , 40, 4514-5	5.1	15
89	(F(8)TPP)Fe(II)/O(2) reactivity studies [F(8)TPP = tetrakis(2,6-difluorophenyl)porphyrinate(2-)]: spectroscopic (UV-Visible and NMR) and kinetic study of solvent-dependent (Fe/O(2) = 1:1 or 2:1) reversible O(2)-reduction and ferryl formation. <i>Inorganic Chemistry</i> , <b>2001</b> , 40, 5754-67	5.1	107
88	Dioxygen and nitric oxide reactivity of a reduced heme/non-heme diiron(II) complex [(5L)FeII?FeII?Cl]+. Using a tethered tetraarylporphyrin for the development of an active site reactivity model for bacterial nitric oxide reductase. <i>Inorganica Chimica Acta</i> , <b>2000</b> , 297, 362-372	2.7	22
87	Models of Copper Enzymes and Heme-Copper Oxidases <b>2000</b> , 309-362		24
86	Dioxygen-binding kinetics and thermodynamics of a series of dicopper(I) complexes with bis[2-(2-pyridyl)ethyl]amine tridentate chelators forming side-on peroxo-bridged dicopper(II) adducts. <i>Inorganic Chemistry</i> , <b>2000</b> , 39, 5884-94	5.1	60
85	Nitric Oxide Reductase from <i>Paracoccus denitrificans</i> Contains an Oxo-Bridged Heme/Non-Heme Diiron Center. <i>Journal of the American Chemical Society</i> , <b>2000</b> , 122, 9344-9345	16.4	89



84	Synthesis, Structure, and Solution NMR Studies of Cyanide-Copper(II) and Cyanide-Bridged Iron(III)-Copper(II) Complexes. <i>Inorganic Chemistry</i> , <b>1999</b> , 38, 848-858	5.1	36
83	Dioxygen Reactivity of Fully Reduced [LFeII $\mu$ CuI]+ Complexes Utilizing Tethered Tetraarylporphyrinates: Active Site Models for Heme-Copper Oxidases. <i>Inorganic Chemistry</i> , <b>1999</b> , 38, 2244-2245	5.1	37
82	A Study of Solid [Cu(MePY2)}2O2]2+ Using Resonance Raman and X-ray Absorption Spectroscopies: An Intermediate Cu2O2 Core Structure or a Solid Solution?. <i>Journal of the American Chemical Society</i> , <b>1999</b> , 121, 1870-1878	16.4	64
81	Dioxygen Reactivity of Reduced Heme and Heme-Copper Complexes Utilizing Tetraarylporphyrinates Tethered with Both a Pyridyl Axial Ligand and N,N-Bis[2-(2-pyridyl)ethyl]amine Chelate. <i>Inorganic Chemistry</i> , <b>1999</b> , 38, 4922-4923	5.1	44
80	Formation and Characterization of a High-Spin Heme-Copper Dioxygen (Peroxo) Complex. <i>Journal of the American Chemical Society</i> , <b>1999</b> , 121, 9885-9886	16.4	70
79	Oxo- and Hydroxo-Bridged Heme-Copper Assemblies Formed from Acid-Base or Metal-Dioxygen Chemistry. <i>Inorganic Chemistry</i> , <b>1999</b> , 38, 3093-3102	5.1	39
78	Spectroscopic and Theoretical Studies of Oxygenated Dicopper(I) Complexes Containing Hydrocarbon-Linked Bis[2-(2-pyridyl)ethyl]amine Units: Investigation of a Butterfly [Cu2( $\mu_2$ -O)(O2)]2+ Core. <i>Journal of the American Chemical Society</i> , <b>1999</b> , 121, 1299-1308	16.4	89
77	Heterobinuclear Ligand-Induced Structural and Chemical Variations in [(L)FeIII $\mu$ CuII]+ $\mu$ Oxo Complexes. <i>Journal of the American Chemical Society</i> , <b>1998</b> , 120, 9696-9697	16.4	49
76	Effect of Protonation on Peroxo-Copper Bonding: Spectroscopic and Electronic Structure Study of [Cu(2)((N-O)-(OOH)](2+). <i>Inorganic Chemistry</i> , <b>1998</b> , 37, 4838-4848	5.1	64
75	Peroxo-, Oxo-, and Hydroxo-Bridged Dicopper Complexes: Observation of Exogenous Hydrocarbon Substrate Oxidation. <i>Journal of the American Chemical Society</i> , <b>1998</b> , 120, 12960-12961	16.4	155
74	Copper dioxygen complexes stable at ambient temperature: optimization of ligand design and solvent. <i>Chemical Communications</i> , <b>1997</b> , 475-476	5.8	37
73	Inferences from the 1H-NMR Spectroscopic Study of an Antiferromagnetically Coupled Heterobinuclear Fe(III) $\mu$ (X)Cu(II)S= 2 Spin System (X = O2-, OH-). <i>Journal of the American Chemical Society</i> , <b>1997</b> , 119, 3898-3906	16.4	61
72	Kinetics and Thermodynamics of Copper(I)/Dioxygen Interaction. <i>Accounts of Chemical Research</i> , <b>1997</b> , 30, 139-147	24.3	361
71	Biomimetic Copper-Dioxygen Chemistry. <i>Advances in Chemistry Series</i> , <b>1996</b> , 165-193		3
70	Formation and Interconversion of End-on and Side-on $\mu$ Peroxo-Dicopper(II) Complexes. <i>Journal of the American Chemical Society</i> , <b>1996</b> , 118, 3763-3764	16.4	53
69	XAS Structural Comparisons of Reversibly Interconvertible Oxo- and Hydroxo-Bridged Heme-Copper Oxidase Model Compounds. <i>Journal of the American Chemical Society</i> , <b>1996</b> , 118, 24-34	16.4	69
68	Reversible O2 Binding to a Dinuclear Copper(I) Complex with Linked Tris(2-pyridylmethyl)amine Units: Kinetic-Thermodynamic Comparisons with Mononuclear Analogs. <i>Journal of the American Chemical Society</i> , <b>1995</b> , 117, 12498-12513	16.4	75
67	X-ray Structure and Physical Properties of the Oxo-Bridged Complex [(F8-TPP)Fe-O-Cu(TMPA)]+, F8-TPP = Tetrakis(2,6-difluorophenyl)porphyrinate(2-), TMPA = Tris(2-pyridylmethyl)amine: Modeling the Cytochrome c Oxidase Fe-Cu Heterodinuclear Active Site. <i>Journal of the American Chemical Society</i> , <b>1994</b> , 116, 4753-4763	16.4	102

- 66 Kinetics and thermodynamics of formation of copper-dioxygen adducts: oxygenation of mononuclear copper(I) complexes containing tripodal tetradentate ligands. *Journal of the American Chemical Society*, **1993**, 115, 9506-9514 16.4 191
- 65 Oxo- and hydroxo-bridged (porphyrin)iron(III)-copper(II) species as cytochrome c oxidase models: acid-base interconversions and x-ray structure of the Fe(III)-(O<sub>2</sub>)-Cu(II) complex. *Journal of the American Chemical Society*, **1993**, 115, 8513-8514 16.4 46
- 64 Chemistry and structural studies on the dioxygen-binding copper-1,2-dimethylimidazole system. *Journal of the American Chemical Society*, **1993**, 115, 11259-11270 16.4 91
- 63 Reversible reaction of dioxygen (and carbon monoxide) with a copper(I) complex. X-ray structures of relevant mononuclear Cu(I) precursor adducts and the trans-( $\mu$ -1,2-peroxo)dicopper(II) product. *Journal of the American Chemical Society*, **1993**, 115, 2677-2689 16.4 435
- 62 New thermally stable hydroperoxo- and peroxo-copper complexes. *Inorganic Chemistry*, **1992**, 31, 3001-3003 5.1 53
- 61 Dioxygen-copper reactivity and functional modeling of hemocyanins. Reversible binding of O<sub>2</sub> and carbon monoxide to dicopper(I) complexes [Cu<sub>2</sub>(L)]<sup>2+</sup> (L = dinucleating ligand) and the structure of a bis(carbonyl) adduct, [Cu<sub>2</sub>(L)(CO)<sub>2</sub>]<sup>2+</sup>. *Inorganic Chemistry*, **1992**, 31, 1436-1451 5.1 115
- 60 Reactions of dioxygen (O<sub>2</sub>) with mononuclear copper(I) complexes: temperature-dependent formation of peroxo- or oxo- (and dihydroxo-) bridged dicopper(II) complexes. *Inorganic Chemistry*, **1992**, 31, 4322-4332 5.1 111
- 59 A dinuclear mixed-valence Cu(I)/Cu(II) complex and its reversible reactions with dioxygen: generation of a superoxodicopper(II) species. *Journal of the American Chemical Society*, **1992**, 114, 7599-7601 16.4 42
- 58 Reactivity patterns and comparisons in three classes of synthetic copper-dioxygen {Cu<sub>2</sub>-O<sub>2</sub>} complexes: implication for structure and biological relevance. *Journal of the American Chemical Society*, **1991**, 113, 5322-5332 16.4 122
- 57 Spectroscopic and theoretical studies of an end-on peroxide-bridged coupled binuclear copper(II) model complex of relevance to the active sites in hemocyanin and tyrosinase. *Journal of the American Chemical Society*, **1991**, 113, 8671-8679 16.4 136
- 56 Kinetic, thermodynamic, and spectral characterization of the primary copper-oxygen (Cu-O<sub>2</sub>) adduct in a reversibly formed and structurally characterized peroxo-dicopper(II) complex. *Journal of the American Chemical Society*, **1991**, 113, 5868-5870 16.4 84
- 55 Functional modeling of copper nitrite reductases: reactions of NO<sub>2</sub>- or nitric oxide with copper(I) complexes. *Journal of the American Chemical Society*, **1991**, 113, 6331-6332 16.4 67
- 54 Unsymmetrical dicopper complexes. Direct observation of reversible oxygen binding in a copper monooxygenase model system. *Journal of the American Chemical Society*, **1991**, 113, 698-700 16.4 59
- 53 Synthesis and X-ray crystal structure of a trinuclear copper(I) cluster. *Inorganica Chimica Acta*, **1989**, 165, 37-39 2.7 24
- 52 Spectroscopic studies of the charge transfer and vibrational features of binuclear copper(II) azide complexes: comparison to the coupled binuclear copper active site in met azide hemocyanin and tyrosinase. *Journal of the American Chemical Society*, **1989**, 111, 5198-5209 16.4 98
- 51 X-ray absorption edge spectroscopy of copper(I) complexes. Coordination geometry of copper(I) in the reduced forms of copper proteins and their derivatives with carbon monoxide. *Inorganic Chemistry*, **1989**, 28, 1349-1357 5.1 74
- 50 A copper-oxygen (Cu<sub>2</sub>-O<sub>2</sub>) complex. Crystal structure and characterization of a reversible dioxygen binding system. *Journal of the American Chemical Society*, **1988**, 110, 3690-3692 16.4 340
- 49 Dioxygen-copper reactivity: generation, characterization, and reactivity of a hydroperoxodicopper(II) complex. *Journal of the American Chemical Society*, **1988**, 110, 6769-6780 16.4 121

48	Dioxygen-copper reactivity: x-ray structure and characterization of an (acylperoxy)dicopper complex. <i>Journal of the American Chemical Society</i> , <b>1987</b> , 109, 6889-6891	16.4	52
47	Dioxygen-copper reactivity: EXAFS studies of a peroxy-dicopper(II) complex. <i>Journal of the American Chemical Society</i> , <b>1987</b> , 109, 1235-1237	16.4	29
46	Vibrational, electronic, and resonance Raman spectral studies of [Cu <sub>2</sub> (YXL-O)O <sub>2</sub> ] <sup>+</sup> , a copper(II) peroxide model complex of oxyhemocyanin. <i>Journal of the American Chemical Society</i> , <b>1987</b> , 109, 2624-2630	16.4	106
45	Dioxygen-copper reactivity: a hydroperoxydicopper(II) complex. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1987</b> , 599-600		32
44	Bioinorganic chemical modeling of dioxygen-activating copper proteins. <i>Journal of Chemical Education</i> , <b>1985</b> , 62, 983	2.4	42
43	Dioxygen-copper reactivity. Reversible oxygen and carbon monoxide binding by a new series of binuclear copper(I) complexes. <i>Journal of the American Chemical Society</i> , <b>1985</b> , 107, 5828-5829	16.4	45
42	Copper(I)-dioxygen reactivity. 2. Reaction of a three-coordinate copper(I) complex with dioxygen, with evidence for a binuclear oxo-copper(II) species: structural characterization of a parallel-planar dihydroxo-bridged dimer. <i>Inorganic Chemistry</i> , <b>1984</b> , 23, 519-521	5.1	49
41	Peroxy coordination to a dicopper(II) center. Dioxygen binding to a structurally characterized phenoxide-bridged binuclear copper(I) complex. <i>Journal of the American Chemical Society</i> , <b>1984</b> , 106, 3372-3374	16.4	66
40	Copper-mediated hydroxylation of an arene: model system for the action of copper monooxygenases. Structures of a binuclear copper(I) complex and its oxygenated product. <i>Journal of the American Chemical Society</i> , <b>1984</b> , 106, 2121-2128	16.4	282
39	Tetragonal vs. trigonal coordination in copper(II) complexes with tripod ligands: structures and properties of [Cu(C <sub>21</sub> H <sub>24</sub> N <sub>4</sub> )Cl]PF <sub>6</sub> and [Cu(C <sub>18</sub> H <sub>18</sub> N <sub>4</sub> )Cl]PF <sub>6</sub> . <i>Inorganic Chemistry</i> , <b>1982</b> , 21, 4106-4108 <sup>5.1</sup>	5.1	214
38	Synthesis and x-ray structural characterization of Cu(I) and Cu(II) derivatives of a new symmetric tripodal ligand N(CH <sub>2</sub> CH <sub>2</sub> -py) <sub>3</sub> , (py = 2-pyridyl). <i>Inorganica Chimica Acta</i> , <b>1982</b> , 64, L219-L220	2.7	46
37	Redox comparisons of pseudotetrahedral copper(I) complexes containing tripod ligands. <i>Inorganica Chimica Acta</i> , <b>1982</b> , 65, L39-L40	2.7	32
36	Activation of O <sub>2</sub> by a binuclear copper(I) compound. Hydroxylation of a new xylyl-binucleating ligand to produce a phenoxy-bridged binuclear copper(II) complex; X-ray crystal structure of [Cu <sub>2</sub> {OC <sub>6</sub> H <sub>3</sub> [CH <sub>2</sub> N(CH <sub>2</sub> CH <sub>2</sub> py) <sub>2</sub> ]-2,2,6}(OMe)](py = 2-pyridyl). <i>Journal of the Chemical Society Chemical Communications</i> , <b>1981</b> , 881		66
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