

1. M. Y. Chen, D. S. McClure and E. I. Solomon. "Jahn-Teller Effect in the  $^4T_{1g}(I)$  State of  $Mn^{++}$  in  $RbMnF_3.I$ ." Phys. Rev. B. **6** (1972):1690.
2. E. I. Solomon and D. S. McClure. "Jahn-Teller Effect in the  $^4T_{1g}(I)$  State of  $Mn^{++}$  in  $RbMnF_3.II$ ." Phys. Rev. B. **6** (1972):1697.
3. E. I. Solomon and D. S. McClure. "Comparison of the Jahn-Teller Effect in Four Triply Degenerate States of  $Mn^{++}$  in  $RbMnF_3$ ." Phys. Rev. B. **9** (1974):4690.
4. E. I. Solomon and C. J. Ballhausen. "Identification of the Structure of the  $^3T_{1g}(I) \leftarrow ^3A_{2g}$  Band in the  $Ni(H_2O)_6^{++}$  Complex." J. Mol. Phys. **29** (1975):279.
5. H. Schugar, E. I. Solomon, W. Cleveland and L. Goodman. "Simultaneous Pair Electronic Transitions in  $Yb_2O_3$ ." J. Am. Chem. Soc. **97** (1975):6442.
6. E. I. Solomon, C. J. Ballhausen and J. H. Hog. "Pseudo-Stark Splitting of Charge Transfer Transitions of  $KCrO_3Cl$ ." Chem. Phys. Lett. **34** (1975):222.
7. E. I. Solomon, P. J. Clendening, H. B. Gray and F. J. Grunthaler. "Direct Observation of Sulfur Coordination in Bean Plastocyanin by X-Ray Photoelectron Spectroscopy." J. Am. Chem. Soc. **97** (1975):3878.
8. E. I. Solomon, D. M. Dooley, R. H. Wang, H. B. Gray, M. Cerdonio, F. Mogno and G. L. Romani. "Susceptibility Studies of Laccase and Oxyhemocyanin Using an Ultrasensitive Magnetometer. Antiferromagnetic Behavior of the Type 3 Copper in *Rhus* Laccase." J. Am. Chem. Soc. **98** (1976):1029.
9. E. I. Solomon, J. W. Hare and H. B. Gray. "Spectroscopic Studies and a Structural Model for Blue Copper Centers in Proteins." Proc. Nat. Acad. Sci. USA **73** (1976):1389.
10. E. I. Solomon, R. H. Wang, D. R. McMillin and H. B. Gray. "Temperature Dependence of the Magnetic Susceptibility of Cobalt(II) Stellacyanin." Biochem. Biophys. Res. Comm. **69** (1976):1039.
11. J. W. Hare, E. I. Solomon and H. B. Gray. "Infrared Spectral Studies of Metal Binding Effects on the Secondary Structure of Bean Plastocyanin." J. Am. Chem. Soc. **98** (1976):3205.
12. E. I. Solomon, J. Rawlings, D. R. McMillin, P. J. Stephens and H. B. Gray. "Infrared and Visible Circular Dichroism and Magnetic Circular Dichroism Studies on Cobalt(II)-Substituted Blue Copper Proteins." J. Am. Chem. Soc. **98** (1976):8046.
13. J. H. Hog, C. J. Ballhausen and E. I. Solomon. "Stark Effect on  $KCrO_3Cl$  Identification and Dipole Moments of the First Excited States." Mol. Phys. **32** (1976):807.
14. W. C. Trogler, E. I. Solomon, I. B. Trajberg, C. J. Ballhausen and H. B. Gray. "Studies of the Polarization Behavior, Temperature Dependence, and Vibronic Structure of the 23,000- $cm^{-1}$  Absorption System in the Electronic Spectra of the  $Mo_2(O_2CCH_3)_4$  and Related Compounds. Emission Spectrum of  $Mo_2(O_2CCF_3)_4$  at 1.3K." Inorg. Chem. **16** (1977):828.

15. C. J. Ballhausen, J. H. Hog and E. I. Solomon. "Effets Stark dans les Bandes de Transfert de Charge de  $\text{KCrO}_3\text{Cl}$  et  $\text{K}_2\text{Cr}_2\text{O}_7$ ." Spectroscopie des Elements de Transition et des Elements Lourds dans les Solides, Lyon, 25 Juin - 3 Juillet 1976, Paris, Centre National de la Recherche Scientifique, 1977.
16. D. K. Erwin, G. L. Geoffroy, H. B. Gray, G. S. Hammond, E. I. Solomon, W. C. Trogler and A. A. Zagars. "Production of Hydrogen by Ultraviolet Irradiation of  $\text{Mo}_2(\text{SO}_4)_4^{4-}$  in Aqueous Sulfuric Acid. Electronic Absorption Spectrum of  $\text{K}_3\text{Mo}_2(\text{SO}_4)_4 \cdot 3.5\text{H}_2\text{O}$  at 15 K." J. Am. Chem. Soc. **99** (1977):3620.
17. J. A. Wurzbach, P. J. Grunthaler, D. M. Dooley, H. B. Gray, F. J. Grunthaler, R. R. Gay and E. I. Solomon. "Sulfur 2p Photoelectron Spectrum of *Limulus* Oxyhemocyanin. Reply to Observations on the ESCA Spectra of Plastocyanins." J. Am. Chem. Soc. **99** (1977):1257.
18. H. B. Gray, C. L. Coyle, D. M. Dooley, P. J. Grunthaler, J. W. Hare, R. A. Holwerda, J. V. McArdle, D. R. McMillin, J. Rawlings, R. C. Rosenberg, N. Sailasut, E. I. Solomon, P. J. Stephens, S. Wherland and J. A. Wurzbach. "Structure and Electron Transfer Reactions of Blue Copper Proteins." In Bioinorganic Chemistry - II, edited by K.N. Raymond, 145-155. Washington, D.C.: Am. Chem. Soc., 1977.
19. W. C. Trogler, E. I. Solomon and H. B. Gray. "Emission Spectra and Lifetimes of  $\text{Re}_2\text{Cl}_8^{2-}$ ,  $\text{Re}_2\text{Br}_8^{2-}$  and  $\text{Mo}_2\text{Cl}_8^{4-}$  at 1.3 K upon Excitation of the  $\delta \rightarrow \delta^*$  Transition." Inorg. Chem. **16** (1977):3031.
20. E. I. Solomon. Review of Specialist Periodical Reports, Electronic Structure and Magnetism of Inorganic Compounds, edited by P. Day. J. Organomet. Chem. **116** (1976):C53.
21. E. I. Solomon. Review of Inorganic Aspects of Biological and Organic Chemistry, by R. P. Hanzlik. J. Organomet. Chem. **135** (1977):C67.
22. R. B. Wilson and E. I. Solomon. "Spectroscopic Studies of the Photoactive  $^4\text{T}_{2g}$  Excited State of Hexaamminochromium(III)." Inorg. Chem. **17** (1978):1729.
23. D. M. Dooley, R. A. Scott, J. Ellinghaus, E. I. Solomon and H. B. Gray. "Magnetic Susceptibility Studies of Laccase and Oxyhemocyanin." Proc. Nat. Acad. Sci. USA **75** (1978):3019.
24. R. S. Himmelwright, N. C. Eickman and E. I. Solomon. "Spectroscopic Studies of Ligand Perturbation Effects on the Half Oxidized Active Site of *Busycon Canaliculatum* Hemocyanin." Biochem. Biophys. Res. Comm. **81** (1978):237.
25. R. R. Gay and E. I. Solomon. "Polarized Single-Crystal Spectroscopic Studies of Oxyhemerythrin." J. Am. Chem. Soc. **100** (1978):1972.
26. R. S. Himmelwright, N. C. Eickman and E. I. Solomon. "Preparation and Characterization of Met Apo Hemocyanin: A Single Copper(II) Active Site." Biochem. Biophys. Res. Comm. **81** (1978):243.

27. V. E. Henrich, H. J. Zeigler, E. I. Solomon and R. R. Gay. "Explanation of the 6-Fold LEED Patterns from Polar (0001) and (000T) ZnO Surfaces." Surf. Sci. **74** (1978):682.
28. N. C. Eickman, E. I. Solomon, J. A. Larrabee, T. G. Spiro and K. Lerch. "Ultraviolet Resonance Raman Study of Oxytyrosinase. Comparison with Oxyhemocyanins." J. Am. Chem. Soc. **100** (1978):6529.
29. R. S. Himmelwright, N. C. Eickman and E. I. Solomon. "Chemical and Spectroscopic Conformation of an Exogenous Ligand Bridge in Half Met Hemocyanin." Biochem. Biophys. Res. Comm. **84** (1978):300.
30. J. Ferré, R. H. Petit and E. I. Solomon. "Piezospectroscopic Studies of the Triplet States of RbMnF<sub>3</sub>." Journal de Physique **40** (1979):175.
31. M. Thompson, J. Whelan, D. J. Zemon, B. Bosnich, E. I. Solomon and H. B. Gray. "Sulfur 2p Photoelectron Spectra of 1,8-Bis(2'-pyridyl)-3,6-dithiaoctane and Its Copper(II) Complex. Possible Interpretation of the S<sub>2p</sub> 168-eV Peak in Blue Copper Proteins." J. Am. Chem. Soc. **101** (1979):2482.
32. V. M. Miskowski, H. B. Gray, R. B. Wilson and E. I. Solomon. "Position of the <sup>3</sup>T<sub>1g</sub> ←<sup>1</sup>A<sub>1g</sub> Transition in Hexacyanocobaltate(III). Analysis of Absorption and Emission Results." Inorg. Chem. **18** (1979):1410.
33. R. S. Himmelwright, N. C. Eickman and E. I. Solomon. "Comparison of Half-Met and Met Apo Hemocyanin. Ligand Bridging at the Binuclear Copper Active Site." J. Am. Chem. Soc. **101** (1979):1576.
34. W. C. Trogler, S. R. Desjardins and E. I. Solomon. "Spectroscopic and Theoretical Analysis of the Intense <sup>1</sup>T<sub>1u</sub> ←<sup>1</sup>A<sub>1g</sub> Transitions in Mo(CO)<sub>6</sub> and W(CO)<sub>6</sub>." Inorg. Chem. **18** (1979):2131.
35. R. S. Himmelwright, N. C. Eickman and E. I. Solomon. "Reactions and Interconversion of Met and Dimer Hemocyanin." Biochem. Biophys. Res. Comm. **86** (1979):628.
36. N. C. Eickman, R. S. Himmelwright and E. I. Solomon. "Geometric and Electronic Structure of Oxyhemocyanin: Spectral and Chemical Correlations to Met Apo, Half Met, Met, and Dimer Active Sites." Proc. Natl. Acad. Sci. USA **76** (1979):2094.
37. E. I. Solomon. Review of Structure and Function of Haemocyanin, edited by J.V. Bannister. J. Mag. Res. **34** (1979):457.
38. A. F. Hepp, R. S. Himmelwright, N. C. Eickman and E. I. Solomon. "Ligand Displacement Reactions of Oxyhemocyanin: Comparison of Reactivities of Arthropods and Molluscs." Biochem. Biophys. Res. Comm. **89** (1979):1050.
39. E. I. Solomon. Review of New Trends in Bio-Inorganic Chemistry, edited by R.J.P. Williams and J.R.R.F. DaSilva. J. Organometal. Chem. **175** (1979):C5-C6.