

# Peer-Reviewed Publications List (as of June 17, 2010)

1. **Synthesis and Sulfur-Oxygenation of a (N<sub>3</sub>S)Ni Complex Related to Nickel Containing Superoxide Dismutase.** Mullins, C. S.; Grapperhaus, C. A.; Frye, B.C.; Buchanan, R.M.; Mashuta, M. S. *Inorg. Chem.*, **2009**, *48* (21), 9974–9976.
2. **Corroborative cobalt and zinc model compounds of  $\alpha$ -amino- $\beta$ -carboxymuconic- $\epsilon$ -semialdehyde decarboxylase (ACMSD).** Gaetjens, J.; Mullins, C. S.; Kampf, J. W.; Thuery, P.; Pecoraro, V. L. *Dalton Trans.* **2009**, 1, 51-62.
3. **Reflections on Small Molecule Manganese Models that Seek to Mimic Photosynthetic Water Oxidation Chemistry.** Mullins, C. S.; Pecoraro, V. L. *Coord. Chem. Rev.* **2008**, *252*, 416-443.
4. **Density functional theory investigations of NiN<sub>2</sub>S<sub>2</sub> reactivity as a function of nitrogen donor type and N–H---S hydrogen bonding inspired by nickel-containing superoxide dismutase** Mullins, C. S.; Grapperhaus, C. A.; Kozlowski, P. M. *J. Biol. Inorg. Chem.* **2006**, *11*, 617-625.
5. **Ethyl 1-methylimidazole-2-carboxylate** Frye, B.C.; Mashuta, M. S.; Mullins, C. S.; Grapperhaus, C. A.; Buchanan, R.M. *Acta Cryst.* **2006**, *E62*, o1548–o1549.
6. **Structural comparison of alkylated derivatives of (bmmp-dmed)Ni and (bmmp-dmed)Zn** Grapperhaus, C. A.; Mullins, C. S.; Mashuta, M. S. *Inorg. Chim. Acta* **2005**, *358*, (3), 623-632.
7. **Synthesis and Oxygenation of a Nickel(II) and Zinc(II) Dithiolate: An Experimental and Theoretical Comparison** Grapperhaus, C. A.; Mullins, C. S.; Kozlowski, P. M.; Mashuta, M. S. *Inorg. Chem.*, **2004**, *43*, 2859-2866.