

Recent Papers/Publications (*papers with student authors)

- * "Hydrothermal Synthesis and Structure of Zinc Ethylenediaminetetraacetate Monohydrate", M. Gelabert, J. Hart and T. Emge, *Acta Cryst. C66*, m327 (2010).

"Efficacy of Using Learning Communities to Improve Core Chemistry Education and Increase Student Interest and Retention in Chemistry", W. Driscoll, M. Gelabert and N. Richardson, *J. Chem. Educ.* 87(1), 49-53 (2010).
- * "Hydrothermal Growth of ZnO Using Chelating Ligands and Growth Modifiers", K. Frenis, Senior Thesis, Wagner College 2009
- * "Hydrothermal Growth of Zinc Oxide Utilizing Aqueous Speciation Calculations", L. Lucas, Senior Thesis, Wagner College 2008.
- * "Zinc Oxide: Hydrothermal Crystal Growth", T. Gut, Senior Thesis, Wagner College 2008.
- * "Hydrothermal Growth of Zinc Oxide Crystals", J. Hart, Senior Thesis, Wagner College 2007.

"Color Science, a Course for Nonscience Majors", M.C. Gelabert, *J. Chem. Educ.*, 83(8), 1155 (2006).
- * "Hydrothermal Crystal Growth of ZnO Using Ethylenediamine-based Ligands", Y. Toderika, Honors Thesis, Wagner College 2005.
- * "Effect of Complexing Agent on Hydrothermal Growth of ZnO Crystals", L. DiLeo, D. Romano, L. Schaeffer, B. Gersten, C. Foster and M.C. Gelabert, *J. Crystal Growth* 271, 65 (2004).
- * "Growth of Zinc Oxide Crystals with EDTA", L. DiLeo, Honors Thesis, Wagner College 2001.

"Hydrothermal Synthesis of Lead Titanate from Complexed Precursor Solutions", M.C. Gelabert, B.L. Gersten and R.E. Riman, *J. Crystal Growth* 211, 497 (2000).

"Crystal Growth of PbTiO₃ in aqueous KF under Supercritical Conditions", M.C. Gelabert, R.L. Laudise, L.E. McCandlish and R.E. Riman, *J. Crystal Growth* 197(1-2), 195 (1999).