

Publications by PREM Faculty (2010-2011)

Vladimir Kolesnichenko:

1. The metamorphosis of heterometallic trinuclear antiferromagnetic complexes into nano-sized superparamagnetic spinels. V. Vasylenko, K. S. Gavrylenko, V. G. Il'yin, V. Golub, G. Goloverda, V. Kolesnichenko, A. W. Addison, V. V. Pavlishchuk, *Mater. Chem. Phys.*, **2010**, 121, 47.
2. $W_3Cl_{10}(Hg_2Cl_2)_2$, a reactive one-dimensional polymer of triangular clusters with terminal and intercluster-bridging mercurous chloride ligands: main-group metal halide by-products as versatile ligands in reductive synthesis of early transition metal halide clusters. V. Kolesnichenko, D. Hay, D. Swenson and L. Messerle, *J. Clust. Sci.*, **2010**, 21, 515.

Lamartine Meda:

1. Plasma-Enhanced Metalorganic Chemical Vapor deposition of Lipon Thin Films, L. Meda, *MRS Proceedings* **2011**, 1313, mrsf10-1313-kk09-08 doi:10.1557/opl.2011.702.
2. Growth of Ruthenium and Ruthenium oxide nanoplates, L. Meda and G. D. Stevens*. *MRS Proceedings*, **2011**, 1309, mrsf10-1309-ee03-14 doi:10.1557/opl.2011.615.
3. Lipon thin films grown by plasma-enhanced metalorganic chemical vapor deposition in a N_2 - H_2 -Ar gas mixture, L. Meda and E. E. Maxie, *Thin Solid Films* (**2011**) doi: 10.1016/j.tsf.2011.08.091.

Cheryl Stevens:

1. Ethynyl and Propynyl Pyrene Inhibitors of Cytochrome P450, Zhu, N.; Lightsey, D.; Liu, J.; Foroozesh, M.; Morgan, K.M.; Stevens, E. D.; Klein Stevens, C.L. *J. Chem. Crystallogr.*, **2010**, 40, 343.
2. In Silico Studies of Polyaromatic Hydrocarbon Inhibitors of Cytochrome P450 Enzymes 1A1, 1A2, 2A6, and 2B11, *Chem. Res. Toxicol.*, **2010**, 23, 600.
3. Sufapyridine (polymorph III), sulfapyridine dioxane solvate, sulfapyridine tetrahydrofuran solvate, and sulfapyridine piperidine solvate at 173 K. J. Pratt, J. Hutchinson, C. L. K. Stevens, *Acta Crystallogr C* (accepted).