

OBTAINED RESULTS

- design, synthesis and characterization of new P,N and P,S containing ligands
- synthesis of new water soluble transition metal (Cu, Pd, Ru) complexes and the study of their catalytical activity in hydrogenation and amination reactions

PUBLISHED RESULTS 2010

XXXI-th Romanian Chemistry Conference, Ramnicu Valcea, 6-8 oct. 2010, poster PSI 41. SINTEZA ŞI CARACTERIZAREA STRUCTURALA A UNOR NOI LIGANZI DITOPICI CU N SI P; T. Lovasz, C. Cristea, L. Silaghi-Dumitrescu

SYNTHESIS AND CHARACTERIZATION OF NEW PHENOTHIAZINYL-DIPHENYL-PHOSPHINES, T. Lovasz, E. Gal, L. Gaina, I. Sas, C. Cristea, L. Silaghi-Dumitrescu, *Studia Universitatis Babes-Bolyai, Seria Chemia*, 2010, 55(3), 249-257

PUBLISHED RESULTS 2011

XIX-th EuCOMC, 19-th EuCheMS International Conference on Organometallic Chemistry, Toulouse, France, 3-7 july 2011, poster P196, SYNTHESIS AND CHARACTERIZATION OF Pd(II) AND Ru(II) COMPLEXES WITH NEW WATER SOLUBLE 2-PHOSPHINOPYRIMIDINE LIGANDS, Tamas LOVASZ, Emese GAL, Luminita SILAGHI-DUMITRESCU

17th International Conference on Chemistry organizata de Hungarian Technical Society of Transylvania, Chemistry Department, Cluj-Napoca, 3-6 nov. 2011, poster, Page 85 SYNTHESIS AND CHARACTERIZATION OF SOME NEW WATER SOLUBLE PHOSPHINE LIGANDS, Tamas LOVASZ, Emese GAL, Luminita SILAGHI-DUMITRESCU

SYNTHESIS, CHARACTERIZATION AND COMPLEXATION STUDY OF NEW 4-DIPHENYLPHOSPHINO-PHENOTHIAZINES, T. Lovasz, E. Gal, C. Cristea and L. Silaghi-Dumitrescu, *Studia Universitatis Babes-Bolyai, Seria Chemia* 56(4), 2011 accepted for publication