Electronic Supplementary Material (ESI) for RSC Advances. This journal is © The Royal Society of Chemistry 2015

Supplementary information

A comparative study of the catalytic activity of nanosized oxides in the one pot synthesis of highly substituted dihydropyridines

Javad Safaei-Ghomi,* Elham Heidari-Baghbahadorani, Hossein Shahbazi-Alavi, Mehrnoosh Asgari-Kheirabadi

Department of Organic Chemistry, Faculty of Chemistry, University of Kashan, Kashan, P.O. Box 87317-51167, I. R. Iran Corresponding author. E-mail addresses: safaei@kashanu.ac.ir, Fax: +98-361-5912397; Tel.: +98-361-5912385

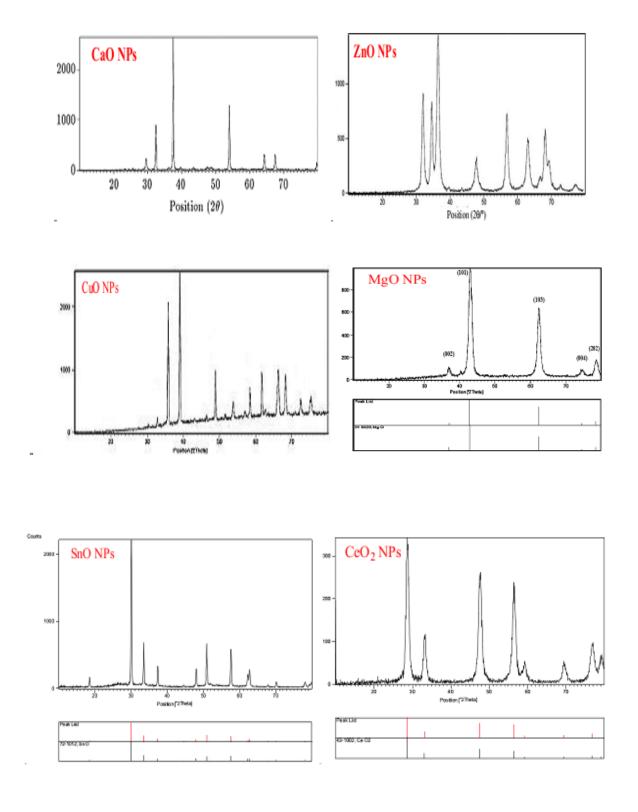


Figure 1. XRD pattern of nanosized oxides

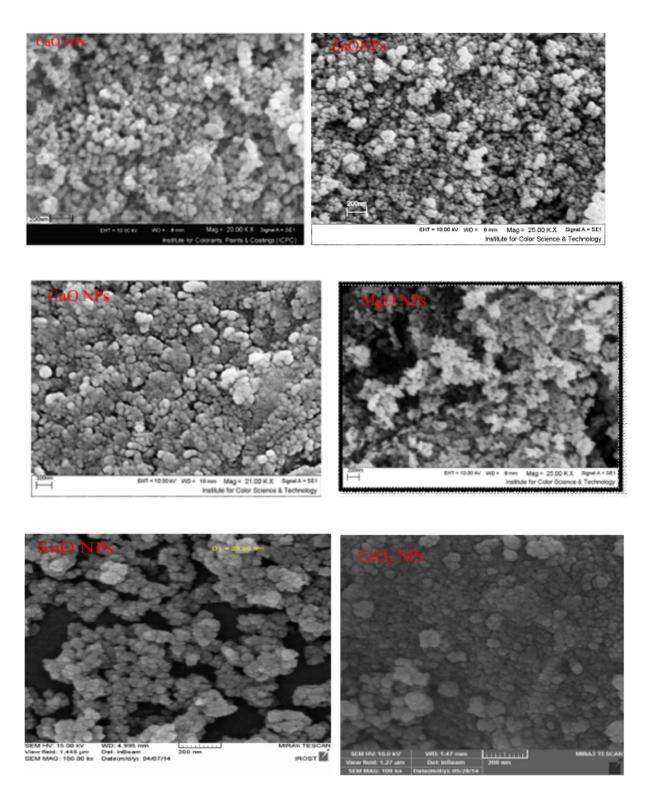


Figure 2. SEM images of nanosized oxides

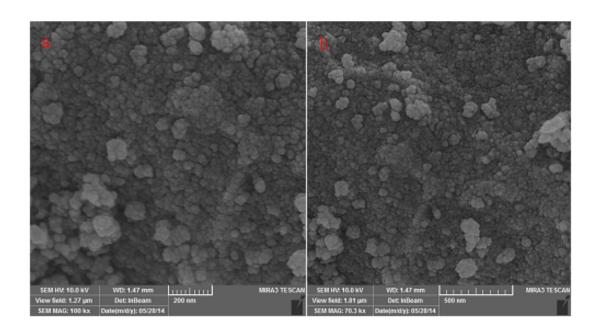


Figure 4. SEM images of CeO₂ NPs before use (a) and after reuse of five times (b)