

عنوان مقاله:

Synthesis and characterization of nano lead (II) oxide chloride from coordination polymers as precursor

محل انتشار:

همایش ملی نانو فناوری و شیمی سبز (سال: 1391)

تعداد صفحات اصل مقاله: 4

نویسندگان:

Mohammad Jaafar Soltanian fard - *Department Of Chemistry, Firoozabad Branch, Islamic Azad University, Firoozabad, Fars*

Khadijeh Haghparast - *Department Of Chemistry, Firoozabad Branch, Islamic Azad University, Firoozabad, Fars*

خلاصه مقاله:

The nano-structures of lead (II) coordination polymer $[Pb(phen)_2(NO_3)](ClO_4)$ (phen= 1,10-phenanthroline) has been synthesized by a sonochemical method and characterized by X-ray powder diffraction (XRD) and scanning electron microscopy (SEM). The nano lead (II) oxide chloride $Pb_3O_2Cl_2$ was synthesized by calcination of Pb (II) nano polymer at 450 °C for 4 hours and characterized by X-ray powder diffraction (XRD) and scanning electron microscopy (SEM).

کلمات کلیدی:

Coordination polymer; Nano; Lead (II) oxide chloride; Calcinations

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