

## عنوان مقاله:

A SIMPLE AND NOVEL SYNTHESIS OF ZNO NANOHEMISPHERES

## محل انتشار:

اولین همایش ملی تکنولوژی های نوین در شیمی و پتروشیمی (سال: 1393)

تعداد صفحات اصل مقاله: 6

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## خلاصه مقاله:

ZnO nanohemispheres are successfully synthesized via thermal decomposition approach using [bis(2-hydroxy-1-naphthaldehydato)zinc(II)] complex, as precursor. The final ZnO nanoparticles were characterized by X-ray diffraction (XRD), scanning electron microscopy (SEM), transmission electron microscopy (TEM), Fourier transform infrared (FT-IR) spectroscopy, and photoluminescence (PL) spectroscopy. Furthermore, the same solid phase thermal treatment is performed and the morphology is compared with the obtained ZnO nanohemispheres

## کلمات کلیدی:

Thermal decomposition, Zinc oxide, capping agent, inorganic precursors

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/244612>

