

عنوان مقاله:

ZnO nanoflowers : hydrothermally synthesis with good photocatalytic activity

محل انتشار:

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نویسندگان:

a Hejazi Juybary - Department of solid state physics, University of Mazandaran, , Babolsar, P.O. Box : ۴۷۴۱۶-۹۵۴۴۷, Iran

h Milani Moghadam - Department of solid state physics, University of Mazandaran, , Babolsar, P.O. Box : ۴۷۴۱۶-۹۵۴۴۷, Iran

خلاصه مقاله:

The ZnO nanoflower was successfully fabricated by the hydrothermal method. The samples were characterized by scanning electron microscopy (SEM) and X-ray diffractometry (XRD). It has been shown that a single flower is composed of hexagonal rod-like crystals. Photocatalytic activity of the nanostructures against methylene blue was studied under ultra-violet (UV). The synthesized nanoflowers shows excellent photocatalytic activity against MB in the presence of UV-illumination in 60 min

کلمات کلیدی:

ZnO, Nanoflower, Methylene blue, Photocatalysis

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