

## عنوان مقاله:

Synthesis and characterization of palladium doped TiO(2) nanoparticles

## محل انتشار:

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

تعداد صفحات اصل مقاله: 5

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## خلاصه مقاله:

In this paper, the synthesis of palladium doped TiO(2) nanoparticles (Pd/TiO(2)) via two microemulsion method, using n-heptane/AOT/water/NaBH(4) or PdCl<sub>2</sub> are reported. The prepared Pd/TiO(2) nanoparticles were characterized using transmission electron microscopy (TEM), scanning electron microscopy (SEM), X-ray diffraction analysis (XRD), and energy dispersive X-ray analyses EDX techniques. Synthesized nanoparticles were stable for about two months .without any participation

## کلمات کلیدی:

Titanium dioxide, Modification, Photocatalyst; Pd-doped TiO(2); Microemulsion

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/203452>

