

عنوان مقاله:

Cadmium sulfide/organic composite nanowires: Synthesis and characterization

محل انتشار:

اولین کنفرانس ملی علوم و فناوری نانو (سال: 1389)

تعداد صفحات اصل مقاله: 3

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خلاصه مقاله:

Novel cadmium sulfide/organic composite based on long nanowires were synthesized via a simple reaction between cadmium salt and thioglycolic acid (TGA) at room temperature. The products were characterized by X-ray diffraction (XRD), scanning electron microscopy (SEM), transmission electron microscopy (TEM) and Fourier transform infrared (FT-IR) spectra and Thermogravimetric differential thermal analysis (TG-DTA). Photoluminescence (PL) spectra were used to study the optical properties of CdS/organic composite

کلمات کلیدی:

لینک ثابت مقاله در پایگاه سیویلیکا:

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