

## عنوان مقاله:

Synthesis Of CdS Nanoparticles By Direct Thermal Decomposition Of Bithiazole Precursor

## محل انتشار:

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

تعداد صفحات اصل مقاله: 4

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## خلاصه مقاله:

The CdS nanoparticles has been prepared using a new  $[Cd(DADMBTZ)_2(NO_2)_2]$  complex, DADMBTZ=2,2'-diamino-5,5'-dimethyl-4,4'-bithiazole, as precursor via thermal decomposition. As-prepared CdS nanocomposite was characterized by Xray diffraction measurements (XRD), scanning electron microscopy (SEM). This study demonstrates that bithiazole complexes may be suitable precursors for preparation of nanoscale materials

## کلمات کلیدی:

Nanoparticles, bithiazole, CdS, Thermal Decomposition

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/104288>

