

عنوان مقاله:

Synthesis of ZnO nanoparticles via flaxseed aqueous extract

محل انتشار:

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خلاصه مقاله:

Synthesis of widespread types of nanoparticles including metal oxides by plant extract is considered as alternative chemical synthesis methods. ZnO nanoparticles are synthesized by a biological process using flaxseeds (*Linum usitatissimum* L.) extract. The biosynthesized ZnO NPs were characterized by XRD and SEM, EDX, DLS spectroscopy. According to the SEM images, the synthesized nanoparticles are spherical shape with agglomeration .and based on XRD, average crystallite size of the ZnO NPs is 15.45 nm

کلمات کلیدی:

ZnO nanoparticles, Flaxseed, Aqueous extract

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