

عنوان مقاله:

Synthesis of Hydroxyapatite mesoporous nanoparticles at low temperature via chemical precipitation

محل انتشار:

دومین کنفرانس بین المللی پژوهش در علوم و تکنولوژی (سال: 1394)

تعداد صفحات اصل مقاله: 7

نویسندگان:

Motahare Sadat Mohseni Salehi Monfared - *Graduate Student at Department of Materials Science and Engineering, Tarbiat Modares University (TMU)*

Jafar Javadpour - *Professor at Faculty of Materials Science and Engineering, Iran University of Science and Technology (IUST)*

خلاصه مقاله:

In the present study, mesoporous hydroxyapatite (HA) nanoparticles was successfully synthesized via aqueous chemical precipitation. Sample was characterized with BET-BJH, XRD, FE-SEM. It was found that HA Nanoparticles with hexagonal structure can be synthesized at low temperatures. X-ray diffraction was approved this. FE-SEM images of HA nanoparticles showed spherical morphology with 40 nm in diameter. BET analysis approved mesoporous structure

کلمات کلیدی:

Hydroxyapatite, Mesoporous, Chemical precipitation, Characterization

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