

## عنوان مقاله:

Conductive Hydrogel Nanocomposites: Synthesis, Characterization and Investigation of Their Properties

## محل انتشار:

دهمین سمینار بین المللی علوم و تکنولوژی پلیمر (سال: 1391)

تعداد صفحات اصل مقاله: 1

## نویسنده:

.Khadijeh didehban - Department of Chemistry, Payame Noor University, IR of Tehran, Iran

## خلاصه مقاله:

Conducting hydrogel is a novel functional material that has been developing recently. Hydrogels based on conducting polymers have been attracting increasing attention in the past decade because the materials exhibit the mechanical and swelling properties of hydrogels added to the specific transport properties of conducting polymers, originating from their unique p-conjugated systems [1,2]. It is possible to be used as conducting film, coating, sensor, conducting fiber, wave absorbing material and so on. The electrical properties of conducting polymers make them suitable for [3- 6]. [devices driven by an external electric signal, such as potential or current

## کلمات کلیدی:

لینک ثابت مقاله در پایگاه سیویلیکا:

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