

## عنوان مقاله:

Electrospun polyaniline/polyacrylonitrile blend Nanofibers

## محل انتشار:

اولین کنفرانس فناوری نانو در محیط زیست (سال: 1385)

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## خلاصه مقاله:

Using the electrospinning technique, emeraldine-base polyaniline/polyacrylonitrile electrospun nanofibers were prepared. These nanowebs, after doping may be used as good sensing material in gas sensors or in monitoring water in order to detect pollutants before harming the natural environment. The morphology and fiber diameter of electrospun polyaniline blend fibers have been studied by optical microscope and SEM photomicrographs and they showed that these fibers have a smooth surface and uniform diameter in most parts of the web except for the beaded parts.

## کلمات کلیدی:

electrospinning- polyaniline- polyacrylonitrile -sensors

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/27377>

