عنوان مقاله:

Nanotechnology usage in purification of surface and underground water, as well as polluted industrial waste water

محل انتشار:

همایش ملی شیمی پاک (سال: 1393)

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خلاصه مقاله:

In recent years, most of the civilized countries have moved in opposed to water purification tension and find an appropriate solution to reduce its pollution. Nanotechnology as an applied one in the past years, has been considered to most of these countries. This technology has been formed by the convergence of three fundamental sciences, et. Physics, chemistry and biology. Recent achievements in different basis of nanotechnology, show that most of today problems in water quality can also be investigated and almost resolved by using the nano structures like advanced nano adsorbent, nano catalysts and nanoparticles. One of the important achievements of nanotechnologies in the modern outreach technologies, is water softening .Moreover, to produce, base on the nanotechnology causes a decrease in density of the amount of toxic compounds to less than one ppb. In this revisal paper, the nanotechnology usages in different water purification and recent achievements in surface water, underground water and polluted industrial waste water have been studied. Nanotechnology introduction, survey and delivering related bassis in water purification, form the current dissertation body.

کلمات کلیدی: