

## عنوان مقاله:

Hydrogen physisorption on Single Walled and Double Walled Carbon Nanotubes

## محل انتشار:

دومین کنگره بین المللی علوم و فناوری نانو (سال: ۱۳۸۷)

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## خلاصه مقاله:

Due to the light mass and large exposed surface of carbon nanotubes, these materials have been the focus of tremendous efforts, including experiments and theoretical investigations[۱-۲] in the field of energy storage applications. In a general classification, the parameters that have been considered to achieve the optimum condition of physisorption can be stored to the structural and operational ones. The most investigated parameters in the literature are diameter and the Van der Wals gap between the tubes in a bundle of the structural parameters, and the applied pressure, temperature and the amount of loading are of the operational parameters

## کلمات کلیدی:

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/۱۶۳۵۹۶>