

**عنوان مقاله:**

THE STUDY OF NON-LINEAR ISOTHERMS FOR COBALT ADSORPTION

**محل انتشار:**

اولین کنفرانس بین المللی نفت، گاز، پتروشیمی و نیروگاهی (سال: 1391)

تعداد صفحات اصل مقاله: 10

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**خلاصه مقاله:**

In this work, removal of Co (II) from aqueous solutions by Black Carbon (BC) derived from Rice Straw (RS) was studied. The parameters for adsorption process such as pH, adsorbent dose and contact time were investigated. In order to evaluate equilibrium isotherms, The Langmuir, Freundlich, Sips and Redlich–Peterson isotherms were modeled with non-linear method. The adsorption of Co (II) on BC was best described by Sips model

**کلمات کلیدی:**

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