

عنوان مقاله:

THERMODYNAMIC STUDY OF CHROMIUM VI SORPTION ON TO BROWN ALGAE

محل انتشار:

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

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خلاصه مقاله:

The aim of this research work is to investigate sorption characteristic of brown algae *Sargassum bevanom* (S.bevanom) for the removal of Cr(VI) ions from aqueous solutions. The sorption of Cr(VI) ions by batch method is carried out. The optimum conditions of biosorption were found to be: a biomass dose of 0.7 g in 100 ml of Cr(VI) , contact time of 100 min, pH and temperature 3 and 40 °C respectively. It was found that temperature has a positive effect on the removal efficiency.

کلمات کلیدی:

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