

عنوان مقاله:

AZADIRACHTA INDICA (NEEM) AN ALTERNATIVE BIOSORBENT

محل انتشار:

مجله تحقیقات کاربردی، دوره 1، شماره 4 (سال: 1394)

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خلاصه مقاله:

The selection of a potential biomass from the different types of low cost biomaterials that are readily available is a major challenge in the application of biosorption. Though the use of biomass for environmental purposes has been in practice for long, researchers are hopeful that the method will lead to an alternative economical method for the removal of heavy toxic substances from wastewater. Biosorption have been seen as a new technology, and has been put to use in various applications for a very long time. Neem tree (*Azadirachta indica*) is a distinctive mahogany tree among the Malecite family and is an inhabitant in the Southeast Asia regions and can also be found in different countries worldwide. For a very long time, its product have been widely used and proven to be effective in the biosorption of different metals, using either leaves, bark or the combination of both and also in other cases carry out chemical modifications using different modifying agents.

کلمات کلیدی:

Biosorption, Neem, Heavy metals, Biomass

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