

## عنوان مقاله:

OLIVE CAKE: A NATURAL ADSORBENT FOR LEAD UPTAKE FROM AQUEOUS SOLUTIONS

## محل انتشار:

کنفرانس بین المللی آب و فاضلاب با رویکرد خصوصی سازی و الگوهای برتر در طراحی، ساخت و بهره برداری (سال: 1390)

تعداد صفحات اصل مقاله: 8

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## خلاصه مقاله:

The objective of this study was investigate the possibility of using olive cake a byproduct of olive oil production as a low cost adsorbent for removing Pb+2 ions from aqueous solutions. The use of low cost adsorbents such as olive cake in comparison to expensive imported synthetic adsorbents is particularly appropriate for developing countries such as iran . carboxylic acid with hydroxyl group is main component in chemical structure of olive oil. they are also found at low amounts in olive cake this menace proveokes the studies on application of this byproduct for elimination of lead ions

## کلمات کلیدی:

olive cake , industrial wastewater , low cost adsorbent , biosorption, lead ions

## لینک ثابت مقاله در پایگاه سیویلیکا:

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