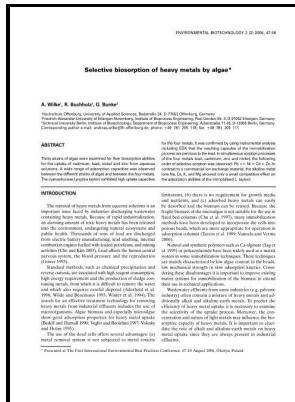


# Biosorption of heavy metal ions by nonliving algal biomass.

## University of Wolverhampton - Biosorption of Heavy Metal Ions from Aqueous Solutions by Nonliving Scenedesmus Quadricauda Biomass



Description: -

-Biosorption of heavy metal ions by nonliving algal biomass.

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Notes: Dissertation (M.Sc.) - University of Wolverhampton 1997.

This edition was published in 1997

Filesize: 24.109 MB

Tags: #A #comprehensive #review #on #biosorption #of #heavy #metals #by #algal #biomass: #Materials, #performances, #chemistry, #and #modeling #simulation #tools

## Alginate Properties and Heavy Metal Biosorption by Marine Algae

The tubes were rotated at 30 RPM at 45 degrees to ensure full contact and adequate mixing.

## Biosorption of Heavy Metals

The member states have committed to reaching their own national renewables targets, ranging from 10% in Malta to 49% in Sweden EC 2009.

## Biosorption of Heavy Metal Ions from Aqueous Solutions by Nonliving Scenedesmus Quadricauda Biomass

Cadmium of the Fish Physiology, Academic Press, Elsevier, Inc. Journal of Hazardous Materials 2011, 190 1-3 , 1016-1022. Kobayashi and the Nikon Imaging Center at Hokkaido University for being very helpful with confocal microscopy, image acquisition, and analysis.

## A comprehensive review on biosorption of heavy metals by algal biomass: Materials, performances, chemistry, and modeling simulation tools

Extracellular biofabrication, characterization, and antimicrobial efficacy of silver nanoparticles loaded on cotton fabrics using newly isolated Streptomyces sp. The adsorption properties of cellulose can be improved via oxidation, for example, periodate oxidation yielding cellulose-hydroxamic derivatives Maekawa and Koshijima 1990. Potential of aquatic plants for phytofiltration of uranium-contaminated waters in laboratory conditions.

## CiteSeerX — BIOSORPTION OF HEAVY METALS USING ALGAE: A REVIEW

For FTIR analysis, KBr discs were prepared containing 1. CLEAN - Soil, Air, Water 2018, 46 10 , 1800120.

## **Sorption of Heavy Metal Ions by the Nonliving Biomass of Freshwater Macrophytes**

The desired initial pH level of each solution has been achieved by adding NaOH 0.

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