Accepted Manuscript

Title: Transport and Antifouling Properties of Papain-based

Antifouling Coatings

Author: Rafael S. Peres Elaine Armelin Juan A. Moreno-Martínez Carlos Alemán Carlos A. Ferreira

PII: S0169-4332(15)00530-9

DOI: http://dx.doi.org/doi:10.1016/j.apsusc.2015.03.004

Reference: APSUSC 29881

To appear in: APSUSC

Received date: 26-1-2015 Revised date: 3-3-2015 Accepted date: 3-3-2015

Please cite this article as: R.S.P. </sup>Elaine Armelin</sup></sup>Juan A. Moreno-Martinez</sup>Carlos Alemán</sup></sup>Carlos A. Ferreira, Transport and Antifouling Properties of Papain-based Antifouling Coatings, *Applied Surface Science* (2015), http://dx.doi.org/10.1016/j.apsusc.2015.03.004

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



ACCEPTED MANUSCRIPT

Highlights

An antifouling coating has been formulated using papain adsorbed in activated carbon EIS technique is a great tool to predict the water diffusivity in the coatings

Immersion tests showed the excellent antifouling action of papain

The use of papain can eliminate the negative environmental impact caused by biocides

Download English Version:

https://daneshyari.com/en/article/5349706

Download Persian Version:

https://daneshyari.com/article/5349706

<u>Daneshyari.com</u>