

Accepted Manuscript

Title: Surface nanostructuring of thin film composite membranes via grafting polymerization and incorporation of ZnO nanoparticles

Author: Heba Isawi Magdi H. El-Sayed Xianshe Feng Hosam Shawky Mohamed S. Abdel-Mottaleb



PII: S0169-4332(16)31171-0
DOI: <http://dx.doi.org/doi:10.1016/j.apsusc.2016.05.141>
Reference: APSUSC 33334

To appear in: *APSUSC*

Received date: 25-2-2016
Revised date: 24-5-2016
Accepted date: 26-5-2016

Please cite this article as: Heba Isawi, Magdi H.El-Sayed, Xianshe Feng, Hosam Shawky, Mohamed S.Abdel-Mottaleb, Surface nanostructuring of thin film composite membranes via grafting polymerization and incorporation of ZnO nanoparticles, Applied Surface Science <http://dx.doi.org/10.1016/j.apsusc.2016.05.141>

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.

Surface nanostructuring of thin film composite membranes via grafting polymerization and incorporation of ZnO nanoparticles

Heba Isawi^{a,b,*}, Magdi H. El-Sayed^a, Xianshe Feng^b,

Hosam Shawky^a, Mohamed S. Abdel-Mottaleb^c

^a Desert Research Center, Hydrogeochemistry Dept., Cairo, Egypt

hebaessawi@hotmail.com^{*}

^b Department of Chemical Engineering, University of Waterloo, Waterloo, Ontario, Canada

^c Faculty of Science, Ain Shams University, Cairo, Egypt

Download English Version:

<https://daneshyari.com/en/article/5351941>

Download Persian Version:

<https://daneshyari.com/article/5351941>

[Daneshyari.com](https://daneshyari.com)