

## Accepted Manuscript

Title: Preparation of the superhydrophobic nano-hybrid membrane containing carbon nanotube based on chitosan and its antibacterial activity

Author: Kaili Song Aiqin Gao Xi Cheng Kongliang Xie



PII: S0144-8617(15)00422-1  
DOI: <http://dx.doi.org/doi:10.1016/j.carbpol.2015.05.023>  
Reference: CARP 9927

To appear in:

Received date: 17-3-2015  
Revised date: 26-4-2015  
Accepted date: 5-5-2015

Please cite this article as: Song, K., Gao, A., Cheng, X., and Xie, K., Preparation of the superhydrophobic nano-hybrid membrane containing carbon nanotube based on chitosan and its antibacterial activity, *Carbohydrate Polymers* (2015), <http://dx.doi.org/10.1016/j.carbpol.2015.05.023>

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.

- 1 ➤ The perfluorinated nano-hybrid membrane surface provided low energy surface.
- 2 ➤ The perfluorinated nano-hybrid membranes had excellent antibacterial property.
- 3 ➤ The perfluorinated nano-hybrid membranes had excellent superhydrophobicity.
- 4
- 5

Accepted Manuscript

Download English Version:

<https://daneshyari.com/en/article/7788183>

Download Persian Version:

<https://daneshyari.com/article/7788183>

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