

Accepted Manuscript

Title: Bioinspired superhydrophobic and oil-infused surface: which is the better choice to prevent marine biofouling?

Authors: Yibo Ouyang, Jin Zhao, Ri Qiu, Shugang Hu, Yan Zhang, Peng Wang



PII: S0927-7757(18)30747-7
DOI: <https://doi.org/10.1016/j.colsurfa.2018.09.060>
Reference: COLSUA 22860

To appear in: *Colloids and Surfaces A: Physicochem. Eng. Aspects*

Received date: 17-8-2018
Revised date: 19-9-2018
Accepted date: 20-9-2018

Please cite this article as: Ouyang Y, Zhao J, Qiu R, Hu S, Zhang Y, Wang P, Bioinspired superhydrophobic and oil-infused surface: which is the better choice to prevent marine biofouling?, *Colloids and Surfaces A: Physicochemical and Engineering Aspects* (2018), <https://doi.org/10.1016/j.colsurfa.2018.09.060>

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.

Bioinspired superhydrophobic and oil-infused surface: which is the better choice to prevent marine biofouling?

Yibo Ouyang ^{a,b}, Jin Zhao ^c, Ri Qiu ^{b*}, Shugang Hu ^d, Yan Zhang ^d and Peng Wang ^e

^a College of Mechanical and Electronic Engineering, China University of Petroleum (Huadong), Qingdao 266580, P. R. China

^b State Key Laboratory for Marine Corrosion and Protection, Luoyang Ship Material Research Institute, Qingdao 266101, P. R. China

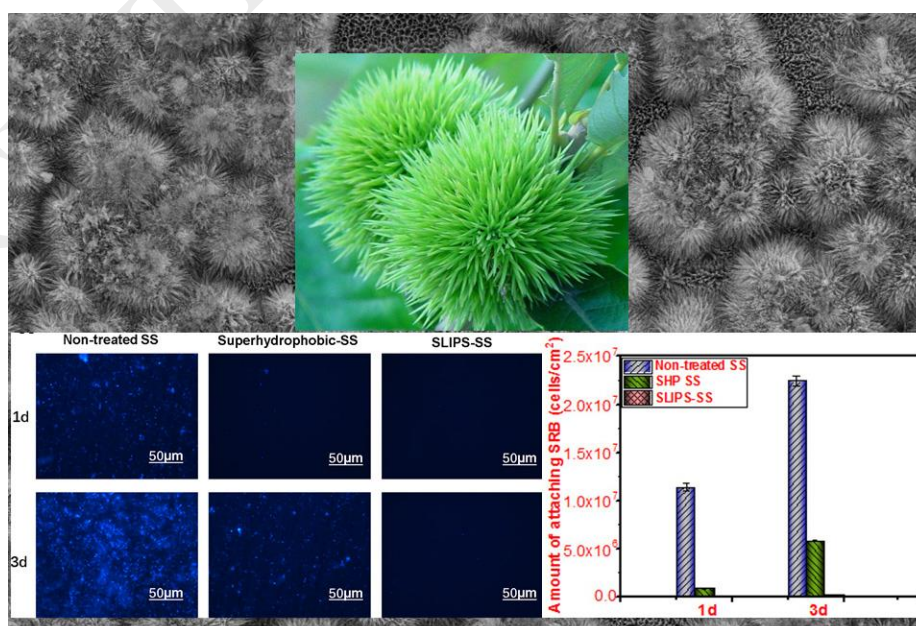
^c Key Laboratory of Experimental Marine Biology, Institute of Oceanology, Chinese Academy of Sciences, Qingdao 266071, P. R. China

^d College of Chemical and Environmental Engineering, Shandong University of Science and Technology, Qingdao 266590, P. R. China

^e Key Laboratory of Marine Environmental Corrosion and Bio-fouling, Institute of Oceanology, Chinese Academy of Sciences, Qingdao 266071, P. R. China

* **Corresponding author.** Tel: +86 532 68725117. Fax: +86 532 68725001, E-mail: landy-qiu@hotmail.com

Graphical abstract



Download English Version:

<https://daneshyari.com/en/article/11023835>

Download Persian Version:

<https://daneshyari.com/article/11023835>

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