

## Accepted Manuscript

Title: The Janus effect on superhydrophilic Cu mesh decorated with Ni-NiO/Ni(OH)<sub>2</sub> core-shell nanoparticles for oil/water separation

Authors: Zhi-Yong Luo, Shu-Shen Lyu, Yuan-Xiang Fu, Yi Heng, Dong-Chuan Mo



PII: S0169-4332(17)30738-9  
DOI: <http://dx.doi.org/doi:10.1016/j.apsusc.2017.03.078>  
Reference: APSUSC 35454

To appear in: *APSUSC*

Received date: 16-12-2016  
Revised date: 26-2-2017  
Accepted date: 7-3-2017

Please cite this article as: Zhi-Yong Luo, Shu-Shen Lyu, Yuan-Xiang Fu, Yi Heng, Dong-Chuan Mo, The Janus effect on superhydrophilic Cu mesh decorated with Ni-NiO/Ni(OH)<sub>2</sub> core-shell nanoparticles for oil/water separation, Applied Surface Science <http://dx.doi.org/10.1016/j.apsusc.2017.03.078>

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.

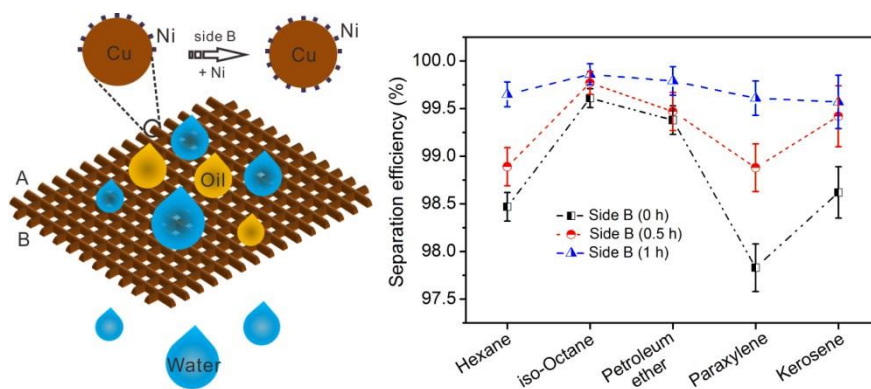
# The Janus effect on superhydrophilic Cu mesh decorated with Ni-NiO/Ni(OH)<sub>2</sub> core-shell nanoparticles for oil/water separation

Zhi-Yong Luo, Shu-Shen Lyu, Yuan-Xiang Fu, Yi Heng and Dong-Chuan Mo\*

School of Chemical Engineering and Technology, Sun Yat-sen University, Guangzhou 510275, P. R. China

\*Corresponding Author: Dong-Chuan Mo, E-mail: [modongch@mail.sysu.edu.cn](mailto:modongch@mail.sysu.edu.cn), Tel: +86-020-84113985.

Graphical Abstract



Download English Version:

<https://daneshyari.com/en/article/5350734>

Download Persian Version:

<https://daneshyari.com/article/5350734>

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