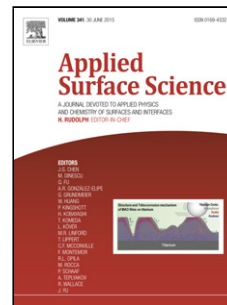


## Accepted Manuscript

Title: One-step fabrication of novel superhydrophobic and superoleophilic sponge with outstanding absorbency and flame-retardancy for the selective removal of oily organic solvent from water

Authors: Yuqian Xiang, Youyou Pang, Xiaomei Jiang, Jie Huang, Fengna Xi, Jiyang Liu



PII: S0169-4332(17)32742-3  
DOI: <http://dx.doi.org/10.1016/j.apsusc.2017.09.093>  
Reference: APSUSC 37172

To appear in: *APSUSC*

Received date: 2-7-2017  
Revised date: 29-8-2017  
Accepted date: 12-9-2017

Please cite this article as: Yuqian Xiang, Youyou Pang, Xiaomei Jiang, Jie Huang, Fengna Xi, Jiyang Liu, One-step fabrication of novel superhydrophobic and superoleophilic sponge with outstanding absorbency and flame-retardancy for the selective removal of oily organic solvent from water, *Applied Surface Science* <http://dx.doi.org/10.1016/j.apsusc.2017.09.093>

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.

**One-step fabrication of novel superhydrophobic and superoleophilic sponge with outstanding absorbency and flame-retardancy for the selective removal of oily organic solvent from water**

Yuqian Xiang<sup>#</sup>, Youyou Pang<sup>#</sup>, Xiaomei Jiang, Jie Huang, Fengna Xi, Jiyang Liu<sup>\*</sup>

<sup>a</sup>Department of Chemistry, Zhejiang Sci-Tech University, Hangzhou, 310018,

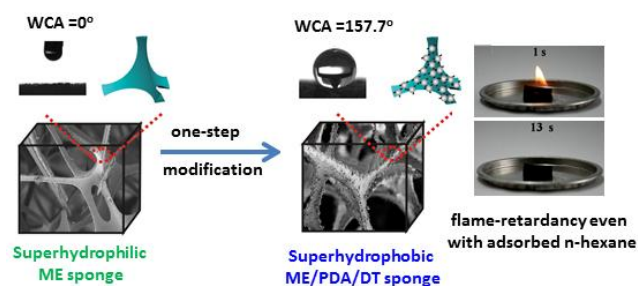
People's Republic of China

Submitted to *Applied Surface Science*, Aug. 29, 2017

\* Corresponding author. E-mail: liujy@zstu.edu.cn

<sup>#</sup> These authors contributed equally to this work.

**Graphical Abstract**



Download English Version:

<https://daneshyari.com/en/article/5347191>

Download Persian Version:

<https://daneshyari.com/article/5347191>

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