Robust Construction of Underwater Superoleophobic CNTs/Nanoparticles Multifunctional Hybrid Membranes via Interception Effect for Oily Wastewater Purification

Luke Yan, Gui Zhang, Lei Zhang, Wei Zhang, Jincui Gu, Youju Huang, Jiawei Zhang, Tao Chen

www.elsevier.com/locate/memsci

PII: S0376-7388(18)31803-9
DOI: https://doi.org/10.1016/j.memsci.2018.09.060
Reference: MEMSCI16505

To appear in: *Journal of Membrane Science*

Received date: 1 July 2018
Revised date: 5 September 2018
Accepted date: 26 September 2018

Cite this article as: Luke Yan, Gui Zhang, Lei Zhang, Wei Zhang, Jincui Gu, Youju Huang, Jiawei Zhang and Tao Chen, Robust Construction of Underwater Superoleophobic CNTs/Nanoparticles Multifunctional Hybrid Membranes via Interception Effect for Oily Wastewater Purification, *Journal of Membrane Science,* https://doi.org/10.1016/j.memsci.2018.09.060

Robust Construction of Underwater Superoleophobic CNTs/Nanoparticles Multifunctional Hybrid Membranes via Interception Effect for Oily Wastewater Purification

Luke Yan[a,1,*], Gui Zhang[a,1], Lei Zhang[b,*], Wei Zhang[b], Jincui Gu[b], Youju Huang[b], Jiawei Zhang[b], Tao Chen[b,*]

[a] Polymer Materials & Engineering Department, School of Materials Science & Engineering, Chang'an University, Xi'an 710064, China.

[b] Key laboratory of bio-based polymeric materials technology and application of Zhejiang province, Ningbo Institute of Materials Technology and Engineering, Chinese Academy of Sciences, Ningbo 315201, P. R. China.

E-mail: yanlk_79@hotmail.com.

E-mail: zhanglei@nimte.ac.cn

tao.chen@nimte.ac.cn.

[1] These authors contributed equally to this work.