Accepted Manuscript

Title: Hydrophobic/lipophobic barrier capable of confining aggressive liquids for paper-based assay

Authors: Yue Zhang, Tong Li, Tingting Ren, Deyu Fang, Junhui He



PII:	S0927-7757(17)30135-8
DOI:	http://dx.doi.org/doi:10.1016/j.colsurfa.2017.02.008
Reference:	COLSUA 21363
To appear in:	Colloids and Surfaces A: Physicochem. Eng. Aspects
Received date:	14-12-2016
Revised date:	24-1-2017
Accepted date:	3-2-2017

Please cite this article as: Yue Zhang, Tong Li, Tingting Ren, Deyu Fang, Junhui He, Hydrophobic/lipophobic barrier capable of confining aggressive liquids for paperbased assay, Colloids and Surfaces A: Physicochemical and Engineering Aspects http://dx.doi.org/10.1016/j.colsurfa.2017.02.008

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.

ACCEPTED MANUSCRIPT

Hydrophobic/lipophobic barrier capable of confining aggressive liquids for paper-based assay

Yue Zhang^a, Tong Li^{ab}, Tingting Ren^{ab} and Deyu Fang^{bc}, Junhui He^{a*}

^a Functional Nanomaterials Laboratory, Center for Micro/Nanomaterials and Technology and Key Laboratory of Photochemical Conversion and Optoelectronic Materials, Technical Institute of Physics and Chemistry, Chinese Academy of Sciences, Zhongguancundonglu 29, Haidianqu, Beijing 100190, China.

^b University of Chinese Academy of Sciences, Beijing 100864, China

c. Key Laboratory of Photochemical Conversion and Optoelectronic Materials, Technical Institute of Physics and Chemistry, Chinese Academy of Sciences, Zhongguancundonglu 29, Haidianqu, Beijing 100190, China.

* Corresponding author.E-mail: jhhe@mail.ipc.ac.cn

Download English Version:

https://daneshyari.com/en/article/4982161

Download Persian Version:

https://daneshyari.com/article/4982161

Daneshyari.com