

Accepted Manuscript

Ultrahigh flux of polydopamine-coated PVDF membranes quenched in air via thermally induced phase separation for oil/water emulsion separation

Ji-Hao Zuo, Peng Cheng, Xing-Fan Chen, Xi Yan, Ya-Jun Guo, Wan-Zhong Lang

PII: S1383-5866(17)32839-3
DOI: <https://doi.org/10.1016/j.seppur.2017.10.027>
Reference: SEPPUR 14109

To appear in: *Separation and Purification Technology*

Received Date: 28 August 2017
Revised Date: 14 October 2017
Accepted Date: 14 October 2017

Please cite this article as: J-H. Zuo, P. Cheng, X-F. Chen, X. Yan, Y-J. Guo, W-Z. Lang, Ultrahigh flux of polydopamine-coated PVDF membranes quenched in air via thermally induced phase separation for oil/water emulsion separation, *Separation and Purification Technology* (2017), doi: <https://doi.org/10.1016/j.seppur.2017.10.027>

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.



Ultrahigh flux of polydopamine-coated PVDF membranes quenched
in air via thermally induced phase separation for oil/water emulsion
separation

Ji-Hao Zuo, Peng Cheng, Xing-Fan Chen, Xi Yan, Ya-Jun Guo, Wan-Zhong Lang*

The Education Ministry Key Laboratory of Resource Chemistry and Shanghai Key
Laboratory of Rare Earth Functional Materials, Department of Chemistry and Chemical
Engineering, Shanghai Normal University, 100 Guilin Road, Shanghai 200234, China.

* Corresponding author. wzlang@shnu.edu.cn (W.Z. Lang); Tel: +86-21-64321951; Fax: +86-21-64321951.

Download English Version:

<https://daneshyari.com/en/article/7044164>

Download Persian Version:

<https://daneshyari.com/article/7044164>

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