

Accepted Manuscript

Fabrication of polyimide and functionalized multi-walled carbon nanotubes mixed matrix membranes by *in-situ* polymerization for CO₂ separation

Haixiang Sun, Tao Wang, Yanyan Xu, Wen Gao, Peng Li, Q. Jason Niu

PII: S1383-5866(16)30977-7

DOI: <http://dx.doi.org/10.1016/j.seppur.2017.01.015>

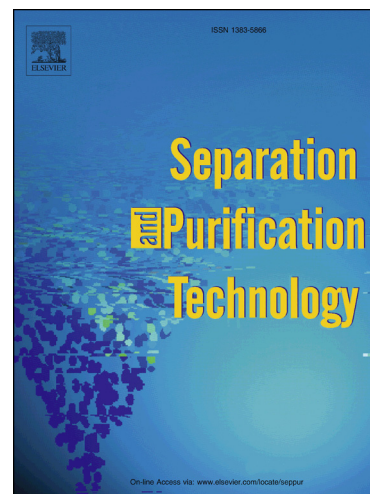
Reference: SEPPUR 13477

To appear in: *Separation and Purification Technology*

Received Date: 8 July 2016

Revised Date: 6 January 2017

Accepted Date: 6 January 2017



Please cite this article as: H. Sun, T. Wang, Y. Xu, W. Gao, P. Li, Q. Jason Niu, Fabrication of polyimide and functionalized multi-walled carbon nanotubes mixed matrix membranes by *in-situ* polymerization for CO₂ separation, *Separation and Purification Technology* (2017), doi: <http://dx.doi.org/10.1016/j.seppur.2017.01.015>

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.

Fabrication of polyimide and functionalized multi-walled carbon nanotubes mixed matrix membranes by *in-situ* polymerization for CO₂ separation

Haixiang Sun^{a,b*}, Tao Wang^b, Yanyan Xu^b, Wen Gao^b, Peng Li^a, Q. Jason Niu^{a*}

^a *State Key Laboratory of Heavy Oil Processing, China University of Petroleum (East China), Qingdao 266580, P.R. China*

^b *College of Science, China University of Petroleum (East China), Qingdao 266580, P.R. China*

*Corresponding authors.

Tel.: +86 532 86981135; fax: +86 532 86981135

E-mail address: sunhaixiang@upc.edu.cn (Dr. Sun)

qjniu@upc.edu.cn (Dr. Niu)

Download English Version:

<https://daneshyari.com/en/article/4990149>

Download Persian Version:

<https://daneshyari.com/article/4990149>

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