## Accepted Manuscript

Title: Porous membranes in pressure-assisted forward osmosis: Flux behavior and potential applications

Authors: Yang Yang, Xueli Gao, Zhaokui Li, Qun Wang, Senjie Dong, Xiaojuan Wang, Zhun Ma, Leyi Wang, Xinyan Wang, Congjie Gao

PII: S1226-086X(17)30594-4

DOI: https://doi.org/10.1016/j.jiec.2017.10.054

Reference: JIEC 3710

To appear in:

Received date: 20-6-2017 Revised date: 24-10-2017 Accepted date: 26-10-2017



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.



Porous membranes in pressure-assisted forward osmosis:

flux behavior and potential applications

Yang Yang a,b, Xueli Gao a,b,\*, Zhaokui Li c,\*, Qun Wang a,b, Senjie Dong a,b, Xiaojuan Wang

a, b, Zhun Mad, Leyi Wang e, Xinyan Wang e, Congjie Gao a, b

<sup>a</sup> Key Laboratory of Marine Chemistry Theory and Technology, Ministry of Education, Ocean

University of China, Qingdao 266100, China

<sup>b</sup> College of Chemistry and Chemical Engineering, Ocean University of China, Qingdao

266100, China

c Institute of Tianjin Seawater Desalination and Multipurpose Utilization, State Oceanic

Administration, Tianjin 300192, China

d College of Chemical and Environmental Engineering, Shandong University of Science and

Technology, Qingdao 266590, China

<sup>e</sup> Shandong Zhaojin Motian Co. Ltd., Zhaoyuan 265400, China

\*corresponding author

Email: gxl\_ouc@126.com;

lzksoa@126.com

Tel/Fax: +86 532 66782017

1

## Download English Version:

## https://daneshyari.com/en/article/6666818

Download Persian Version:

https://daneshyari.com/article/6666818

<u>Daneshyari.com</u>