

Author's Accepted Manuscript

The forward osmosis-pressure retarded osmosis (FO-PRO) hybrid system: A new process to mitigate membrane fouling for sustainable osmotic power generation

Zhen Lei Cheng, Xue Li, Tai-Shung Chung



PII: S0376-7388(17)32770-9
DOI: <https://doi.org/10.1016/j.memsci.2018.04.036>
Reference: MEMSCI16120

To appear in: *Journal of Membrane Science*

Received date: 26 September 2017
Revised date: 26 February 2018
Accepted date: 24 April 2018

Cite this article as: Zhen Lei Cheng, Xue Li and Tai-Shung Chung, The forward osmosis-pressure retarded osmosis (FO-PRO) hybrid system: A new process to mitigate membrane fouling for sustainable osmotic power generation, *Journal of Membrane Science*, <https://doi.org/10.1016/j.memsci.2018.04.036>

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 galley proof before it is published in its final citable 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.

The forward osmosis-pressure retarded osmosis (FO-
PRO) hybrid system: A new process to mitigate
membrane fouling for sustainable osmotic power
generation

Zhen Lei Cheng ^a, Xue Li ^b, Tai-Shung Chung ^{a,*}

^a Department of Chemical and Biomolecular Engineering, National University of
Singapore, 4 Engineering Drive 4, Singapore 117585, Singapore

^b College of Chemistry and Molecular Science, Wuhan University, #299 Bayi Road,
Wuhan, Hubei Province 430072, PR China

* Corresponding author at: Tel.: +65 6516 6645. E-mail: chencts@nus.edu.sg

Download English Version:

<https://daneshyari.com/en/article/7019807>

Download Persian Version:

<https://daneshyari.com/article/7019807>

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