Prof. Chung group’s Publications in 2013 (Dec 31)

Provost’s Chair Professor;
Fellow (Academician), the Academy of Engineering Singapore
Department of Chemical & Biomolecular Engineering,
National U of Singapore
Tel: 6516-6645 (O); Fax: 6779-1936;
Personal website: http://www.chee.nus.edu.sg/people/faculty_chungneal.html
Prof. Chung Membrane Group: http://www.chbe.nus.edu.sg/membrane

Book Chapters


Publications in Journal Alphabetic Order:


3. Y. K. Ong, T. S. Chung, Pushing the limits of high performance dual-layer hollow fiber fabricated via I_PPS process in dehydration of ethanol, AIChE J. 59 (8), 3006-3018 (2013). (IF = 2.493)


6. G. Han, T. S. Chung, Robust and high performance pressure retarded osmosis (pro) hollow fiber membranes for osmotic power generation, accepted by AIChE J. (2013). (IF = 2.493).


9. Q. C. Ge, T. S. Chung, Hydroacid complexes: a new class of draw solutes to promote forward osmosis (FO) processes, Chemical Communications 49 (76), 8471 – 8473 (2013). (IF = 6.378)

11. S. Zhang, P. Sukitpaneenit, T.S. Chung, Design of robust hollow fiber membranes with high power density for osmotic energy production, accepted by *Chemical Engineering Journal* (2013). (IF = 3.691)


59. L. Hao, P. Li, T. S. Chung, PIM-1 as an organic filler to enhance the gas separation performance of Ultem polyetherimide, accepted by *J. Membrane Science* (2013). (IF = 4.093)


68. S. Zhang, P. Wang, X. Z. Fu, T. S. Chung, Sustainable water recovery from oily wastewater via forward osmosis - membrane distillation (FO-MD), accepted by *Water Research* (IF=4.655)