

Publications

1. **A. Ahmad**, S. Waheed, S.M. Khan, S. Gul, M. Shafiq, M. Farooq, K. Sanaullah, T. Jamil, Effect of silica on the properties of cellulose acetate/polyethylene glycol membranes for reverse osmosis, *Desalination* 355 (2015) 1–10. (*Impact factor 3.96, Published online*)
2. S. Waheed, **A. Ahmad**, S.M. Khan, S. Gul, T. Jamil, A. Islam, T. Hussain, Synthesis, characterization, permeation and antibacterial properties of cellulose acetate/polyethylene glycol membrane modified with chitosan, *Desalination* 351 (2014) 59–69. (*Impact factor 3.96, Published online*)
3. S. Gul, S. Waheed, **A. Ahmad**, S.M. Khan, M. Hussain, T. Jamil, M. Zuber. Synthesis, characterization and permeation performance of cellulose acetate/polyethylene glycol-600 membranes loaded with silver particles for ultra-low pressure reverse osmosis. *Journal of the Taiwan Institute of Chemical Engineers* (*Impact factor 3.00, Published online*)
4. A. Sabir, M. Shafiq, A. Islam, F. Jabeen, A. Shafeeq, **A. Ahmad**, M.T.Z. Butt, K.I. Jacob, T. Jamil. Conjugation of silica nano particles with cellulose acetate/polyethylene glycol 300 membrane for reverse osmosis using MgSO₄ solution. (*Impact factor 4.074, Published online*)
5. Performance investigation of vacuum membrane distillation, PTFE and PVDF hydrophobic membrane, O-ring membrane module (Under review).
6. Cellulose acetate/Polyethylene glycol-600 self-sterilized composite membranes modified by in-situ reduction of silver nitrate (Preparing for comments)