

## บรรณานุกรม

- Bacchin, P., Espinasse, B. and Aimar, P. 2005. Distributions of critical flux: modeling, experimental analysis and consequences for cross-flow membrane filtration. *J. Membrane Sci.* 250: 223-234.
- Belfort, G., Davis, H.R. and Zydny, A. 1994. The behavior of suspensions and macromolecular solusions in crossflow microfiltration. *J. Membrane Sci.* 96:1-58.
- Chan, R. and Chen, V. 2001. The effects of electrolyte concentration and pH on protein aggregation and deposition: critical flux and constant flux membrane filtration. *J. Membrane Sci.* 185: 177-192.
- Chen, V., Fane, A.G., Madaeni, S. and Wenten, I.G. 1997. Particle deposition during membrane filtration of colloids: transition between concentration polarization and cake formation. *J. Membrane Sci.* 125: 109-122.
- Espinasse, B., Bacchin, P. and Aimar, P. 2002. On an experimental method to measure critical flux in ultrafiltration. *Desalination.* 146: 91-96.
- Field, R.W., Wu, D., Howell, J.A. and Gupta, B.B. 1995. Critical flux concept for microfiltration fouling. *J. Membrane Sci.* 100: 259-272.
- Gésan-Guiziou, G., Wakeman, R.J. and Daufin, G. 2002. Stability of latex crossflow filtration: cake properties and critical conditions of deposition. *J. Chem Eng.* 85: 27-34.
- Howell, J.A. 1995. Sub-critical flux operation of microfiltration. *J. Membrane Sci.* 107: 165-171.
- Huisman, I.H., Johansson, D., Trägårdh, G. and Trägårdh, C. 1997. Design of a crossflow microfiltration unit for studies of flux and particle transport, *Trans. IChemE.* 75: 508-512.
- Huisman, I. H., Vellenga, E. Trägårdh, G. and Trägårdh, C. 1999. The influence of the membrane zeta potential on the critical flux for crossflow microfiltration of particle suspensions. *J. Membrane Sci.* 156: 153-158.
- Kelly, S.T. and Zydny, A.L. 1997. Protein Fouling During Microfiltration: Comparative Behavior of Different Model Proteins. *Biotechnol. and Bioeng.* 55: 91-100.
- Kwon, D.Y., Vigneswaran, S., Ngo, H.H., Ben Aim, R., Fane, A.G. and Shin, H.S. 1996. Experimental study on critical flux in crossflow microfiltration. Proceedings of the internaltional membrane science technologyconference (Vol. 2, pp.59-61). Sydney: UNESCO Centre for Membrane Science and Technology, University of New South Wales.

- Le-Clech, P., Jeffeeson, B., Chang, I. S. and Judd, S.J. 2003. Impact of aeration, solids concentration and membrane characteristics on the hydraulic performance of a membrane bioreactor. *J. Membrane Sci.* 218: 117-129.
- Li, H., Fane, A. G., Coster, H. G. L. and Vigneswaran, S. 2000. An assessment of depolarization model of crossflow microfiltration by direct observation through the membrane.
- Li, J., Sanderson, R.D. and Jacobs, E.P. 2002. Ultrasonic cleaning of nylon microfiltration membranes fouled by Kraft paper mill effluent. *J. Membrane Sci.* 5303:1-11. *J. Membrane Sci.* 172: 135-147.
- Lipp, P. and Günther Baldauf, G. 2002. Application of out—in MF/UF-systems for drinking water treatment with air supported backwash — three case studies. *Desalination*. 147: 63-68.
- Wu, D., Howell, J.A. and Field, R.W. 1999. Critical flux measurement for model colloids. *J. Membrane Sci.* 152: 89-98.
- Youravong, W., Lewis, M.J. and Grandison, A.S. 2003. Critical flux in ultrafiltration of skimmed milk. *Trans IChemE*. 81: 303-308.
- Youravong, W, Grandison., Lewis, M.J., 2003, The effect of physicochemical change on critical flux of skimmed milk ultrafiltration , *Songklanakarin J. Sci. Techno*, 24 : 929-939
- Zydny, A. L. and Colton, C. K. 1986. A concentration polarization model for the filtration flux in crossflow microfiltration of particulate suspension. *Chem. Engng Comm.* 47: 1-12.