

DAFTAR PUSTAKA

- Adyatmadja, 2002, Pengolahan Limbah Cair Emulsi Minyak Menggunakan Teknologi Membran Ultrafiltrasi Metode Cross Flow yang Melibatkan Proses Pretreatment dengan $MgCl_2$, *Departement Enviromental Engineering, Undergraduate Theses from JBPTITBTL*.
- Amir Hamzah Mauzy, 1987 Perbandingan beberapa cara ekstraksi untuk mengisolasi kurkuminoid dari rim- pang temulawak (*Curcuma xanthorrhiza* Roxb.) dan rimpang kunyit (*Curcuma domestica* Val.) *Pustlitbang Farmasi, Balitbang Kesehatan, 1992*.
- Benito JM et all, 2002, Design and Construction of a Modular Pilot Plant for the Treatment of Oil Containing Wastewater, *Departement of Chemical Engineering and Environemental Technology, University of Oviedo, Oviedo, Spain, Desalination 147 p.5-10 Elsevier*.
- Benito JM et all, 2004, Ultrafiltration of a Waste Emulsified Cutting Oil Using Organic Membran. *Departement of Chemical Engineering and Environemental Technology, University of Oviedo, Oviedo, Spain, ISSN 004-6979(print)1573-2932 (online), SpringerLink-Journal Article, page 181-185*.
- Bodzek M et all, 2002, Pressure Driven Membran Techniques in the Treatment of Water Containing THMs, *Silesian University of Technology, Institute of Water and Wastewater Engineering, Konarskiego, Poland, Desalination 147,p.101-107, Elsevier*.
- Budiyono & Kaseno, 2004, "Studi Penerapan Teknologi Membran Untuk Pemisahan Zat Warna Alami dan Ekstrak Kunyit", *Prosiding Seminar Nasional Teknik Kimia Kejuangan, Yogyakarta*.
- Chapar, 2005, Development of a Membrane Based Treatment Scheme for Water Recovery from Textile Effluents, *Departement of Enviromental Engineering, Thesis*
- Cheryan, M., 1986, Ultrafiltration Handbook, *Technomic Publishing, Lancaster, PA*.
- Choi H et all, 2004, Influence of Cross Flow Velocity on Membran Erformance During Filtration of Biological Suspension, *Department of Civil and Environmental Engineering, University of Cincinnati, Cincinatti, OH 45221-0071, USA, Journal of Membrane Science, 248, p.188-189, Sciencedirect, Elsevier*.
- Choi H et all, 2005, Effect of Permeate Flux and Tangential Flow on Membran Fouling for wastewAter Treatment, *Department of Civil and Environmental Engineering, University of Cincinnati, Cincinatti, OH 45221-0071, USA, Separation Purification Technology, p.68-78, Sciencedirect, Elsevier*.

- Costa AR et al, 2006, Mechanisms of Colloidal Natural Organic Matter Fouling in Ultrafiltration, *Chemical Engineering Department, Instituto Superior Tecnico, Portugal*, Journal Membran Science, p716-725, Sciencedirect, Elsevier.
- Devira, anne., 2003, "Penurunan Zat Organik Menggunakan Teknologi Membran", Tugas Akhir, ITB.
- Eddy Jusuf, 1980 Analisis kandungan kurkumin pada rimpang beberapa (empatbelas) jenis kurkuma dari Jawa (5. kunyit). *JSAT-1993*.
- Eddy Yusuf, 1989 Pencntuan kadar kurkumin kunyit secara kromatografi dan spektrofo tometri. *JSAT-1993*.
- EPA (*Enviromental Protection Agents*), 2001, Low Pressure Membrane Filtration For Phatogen Removal : *Application, Impllementation, and Regulatory Issues, United State*.
- Esti Pamevtaningtyas, 1987, Isolasi kurkuminoid dari *Curcuma domestica* Val. dan upaya peningkatan kecepatan disolusi kurkuminoid dengan sistem dispersisolida kurkuminoid-povidon K30. *BPPK-F. 108/BibU71994*.
- Faibish RS dan Cohen Y, 2000, *Fouling* Resistant Ceramic Supported Polymer Membrans for Ultratiltration of Oil in Water Microemulsions, *Department of Chemical Engineering, University of California, Los Angeles CA 90095-1592, USA, Journal of Membran Science, Elsevier p.129-143*.
- Faibish RS dan Cohen Y, 2001, *Fouling* and Rejection Behavior of Ceramic and Polymer-Modified Ceramic Membrans for Ultrafiltration of Oil in Water Emulsion and Microemulsions, *Departement of Chemical Engineering, University of California, Los Angeles, CA 90095-1592, USA, Colloids and Surfaces A:Physicochemical and Engineering Aspects 191, p.27-40, Elsevier*.
- Handoko d.k., Adiarto T dan Tri Anggono P, 2003, Upaya Penanganan Membran Fouling Yang Terjadi Pada Proses Membran Selulosa Asetat (Sa) Pada Pengolahan Limbah Tekstil, *Jurnal Penelitian Medika Eksakta Vol. 4 No. 2 Agustus 2003: 120-128*.
- Kazemimoghadam M dan Mohammadi T, 2006, Chemical Cleaning of Ultarfiltration Membrans in Milk Industry, Research Laboratory for Separation Process, *Department of Chemical Engineering, Iran University of Science and Technology, Normak, tehran, Iran, Desalination 204 (2007) 213-218, Elsevier*.
- Leiknes T and Semmens MJ, 2000, Membran Filtration for Preferential Removal of Emulsified Oil from Water, *Departement of Hydraulic and Environmental Engineering, Norway, Water Sciense and Technology vol 41 No 10-11 pp101-108, IWA Publishing*.
- Lim A.L dan Bai R, 2003, Membran Fouling and Cleaning in Microfiltration of Activated Sludge Wastewater, Department of Chemical and Environmental

- Engineering, National University of Singapore, Singapore, *Journal of Membran Science*, p.279-290, *Scincedirect, Elsevier*.
- Mahmud dan Notodarmojo S, 2006, Pengolahan Air Gambut Menjadi Air Minum Menggunakan Proses Hibrid Prekoagulasi Ultrafiltrasi Dengan Sistem Aliran Dead End, *Jurnal Teknik Lingkungan* Edisi Khusus.
- Mallevialle, J. et al., 1996a, Mass Transport and Permeate Flux and Fouling in Pressure-Driven Processes, *Water Treatment Membran Processes*, p4.1-4.28, McGraw-Hill, New York.
- Miscolia D A, 2000, Development of a Membrane Resistance Based Modeling Framework for Comparison of Ultrafiltration Processes, *Departement of Civil and Environmental Engineering, Dissertation, West Vergina*.
- Mohammadi T et al, 2002, Investigation Membran Fouling, Research Laboratory for Separation Process, *Faculty of Chemical Engineering Iran University of Science and Technology, Iran, Desalination* 153 p.155-160, *Elsevier*.
- Mulder M, 1996, Basic Principles of Membran Technology, *Center for Membran Science and Technology, University of Twente, Enschede, The Netherlands, Kluwer Academic Publisher*.
- Notodarmojo S dan Deniva A, 2004, Penurunan Zat Organik dan Kekeruhan Menggunakan Teknologi Membran Ultrafiltrasi Dengan Sistem Aliran Dead End, Departemen Teknik Lingkungan, *Fakultas Teknik Sipil dan Perencanaan, Institut Teknologi Bandung, PROC. ITB Sains & Tek. Vol 36 A. No.2.2004.63-82*.
- Notodarmojo S et al, 2004, Efek Pretreatment Terhadap Pembentukan Lapisan Cake dan Struktur Membran pada Membran Ultrafiltrasi Aliran Cross Flow dalam Pengolahan Cair Emulsi Minyak, *Departemen Teknik Lingkungan, Fakultas Teknik Sipil dan Perencanaan, Institut Teknologi Bandung, PROC. ITB Sains & Tek. Vol 36 A. No.2.2004.127-144*.
- Notodarmojo S, Mayasanthi D dan Zulkarnaen T, 2004, Pengolahan Limbah Cair Emulsi Minyak dengan Proses Membran Ultrafiltrasi Dua Tahap Aliran Cross Flow, Departemen Teknik Lingkungan, Fakultas Teknik Sipil dan Perencanaan, Institut Teknologi Bandung, *PROC. ITB Sains & Tek. Vol 36 A. No.2.2004.45-62*.
- Patramurti, Istyastono dan Martono, Pengaruh Ukuran Molekul Pada Aktivitas Kurkumin Dan Turunannya Sebagai Inhibitor Glutathione S-Transferase <http://www.usd.ac.id/06/rat.php?v=pbl&a=78>, 12 Juni 2007
- Scott JB, 2006, Oil Removal for Produced Water Treatment And Micellar Cleaning of Ultrafiltration Membranes, *Texas A&M University, Thesis*.
- Scott, K., 1995, Handbook of Industrial Membranes, edisi ke-1, hal 78-528, *Elsevier Advanced Technology, Oxford*.

- Widjayanti, 2000, "Membandingkan Beras Dan Cassava Sebagai Substrat Untuk Produksi Pigmen *Monascus* Dengan Fermentasi Padat", *Jurnal Sains dan Teknologi Indonesia 2000*, Vol. 2, No. 2 hal. 23-26. /HUMAS-BPPT/ANY.
- Winarno, 2003, "Khasiat dan Manfaat Kunyit", *PT.Agromedia Puspadika*, Jakarta.
- Zulkarnaen T et all, 2002, Pengolahan Limbah Cair Emulsi Minyak dengan Proses Membran Ultrafiltrasi Dengan Sistem Aliran Dead End, *Departemen Teknik Lingkungan, Fakultas Teknik Sipil dan Perencanaan, Institut Teknologi Bandung, PROC. ITB Sains & Tek. Vol 36 A. No.2.2004.45-62.*