

DAFTAR PUSTAKA

- Apsari, H.F (2010). *Preparasi dan Karakterisasi Membran Kitosan yang dicrosslinking dengan Glutaraldehida melalui metode Presipitasi*. Skripsi pada FPMIPA UPI Bandung. Tidak Diterbitkan.
- Aritonang, S.P. (2009). *Studi Penggunaan Kitosan Nanopartikel Sebagai Bahan Penyalut Pada Zeolit Alam Untuk Menurunkan Konsentrasi Ion Cu^{2+} Dalam Larutan Teh Hitam*. Medan: Universitas Sumatera Utara.
- Baker, W.R. (2004). *Membran Technology And Application*. 2nd Edition. California: Jhon Willey & Son Ltd.
- Cahyaningrum, S.E. Narsito, Santoso, S.J dan Agustini, R. (2008). *Adsorption of Zink(II) Metal Ion on Chitosan Bead from Shell Shrimp (Peneaus Monodon)*. Jurnal Manusia dan Lingkungan Vol 15, No.2.
- Chakrabarty, T. Kumar, M and Shahi, V.K. (2010). *Chitosan Based Membrans for separation, Pervaporation and Fuel Cell Applications:Recent Developments*. Gujarat: Central Salt and Marine Chemicals Research Institute.
- Guibal, E. (2004). *Heterogeneous Catalyst on Chitosan-Based Materials: A Review*. Elsevier.
- Haven, L. (2008). *Haemodialysis*. Yahoo!Health. Diakses tanggal 21 Desember 2011.
- Imamah, U.N. (2010). *Optimasi Pembuatan Dan Karakterisasi Membran Kitosan-Polietilen Glikol (Peg)*. Bandung: Universitas Pendidikan Indonesia.
- Krajang, S.J. Kumar, A.A and Willem, F.S. (2000). *Separation Of Biomolecules Through Chitosan Membrans In Continous Dialyzing Chamber*, Abstract.
- Kaban, J. dan Daniel, B.H. (2008). *Pemanfaatan Membran Kitosan dari Kulit Udang sebagai Membran Hemodialisa*. Samarinda: Universitas Mulawarman.
- Kailash, K.C. Feng Y.C and Matsuura T. (2008). *Synthetic Polymeric Membrans: Characterization By Atomic Force Microscopy*. Leipzig: Springer-Verlag Berlin Heidelberg.

- Kaminski, W and Modrzejewska, Z. (1997). *Application of chitosan membrans in separation of heavy metal ions. Sep. Sci. Technol.* **32** (16) 2659 - 2668.
- Liu, J. Chen, X. Shao, Z and Zhou P. (2003). *Preparation And Characterization Of Chitosan/Cu(II) Affinity Membran For Urea Adsorption.* Shanghai: Fudan University
- Marcell, M. (1996). *Basic Principles of Membran Technology.* Netherlands: Kluwer Academic Publisher.
- Nasir, M.N.F. Zain, M.N. Raha, M.G and Kadri, N.A. (2005). *Characterization of Chitosan-poly(Ethylene Oxide) Blends as Haemodialysis Membran.* Kuala Lumpur: American Journal of Applied Science
- Noble, R.D and Stern, S.A. (1995). *Membran Separations Technology Pricnciples and Applications.* Amsterdam: Elsevier
- Nunes, S.P and Peineman, K.V. (2006). *Membran Technology In The Chemical Industry.* Weinheim: Willey-VCH
- Nuraida, P. (2004). *Berbagai Ragam Pemanfaatan Polimer.* Jurusan Kimia Fakultas Matematika dan Ilmu Pengetahuan : Universitas Sumatera Utara.
- Planas, R. (2002). *Development of Techniques Based on Natural Polymers for the Recovery of Precius Metals.* Barcelona: Universitat Politecnica de Catalunya.
- Rhazi, M. Desbieres, J. Tolaimate, A. Rinaudo, M. Vottero, P. Alagui, A and El Meray, M. (2002). *Influence Of The Nature Of The Metal Ions On The Complexation With Chitosan. Application To The Treatment Of Liquid Waste.* France: Elsevier
- Ruckenstein, E and Zeng, X. (1999). *Macroporous Or Microporous Filtration Membran, Method Of Preparation And Use.* Amherst: the Research Foundation of State University of New York.
- Silaloho, W.S. (2009). *Analisa Kandungan Ammonia Dari Limbah Cairan Inlet Dan Outlet Dari Beberapa Industri Kelapa Sawit.* Medan: Universitas Sumatera Utara.
- Silitonga, D. (2009). *Pembuatan Membran Kalsium Alginat Kitosan Serta Pengujian Permeabilitasnya.* Medan: Universitas Sumatera Utara
- Smitha, S. (2005). *Synthesis of Chitosan-Silika Hybrid and Further Functionalization for Antiwetting Coating.*

Smitha, S, Warriar K.G, and Nair, T.D.R. (2008). *Sol-Gel Synthesis Of Biocompatible Silika-Chitosan Hybrids With Lotus Leaf Effect*. School of Chemical sciences: Kannur University.

Supriyandi, A. (2011). *Preparasi Dan Karakterisasi Membran Kitosan-Glutaraldehida-DYT Melalui Metode Presipitasi*. Bandung: Universitas Pendidikan Indonesia.

Xi, F.N. Wu, J.M and Luan M.M. (2005). *Silika-supported Macroporous Chitosan Bead for Affinity Purification of Trypsin Inhibitor*. Huangzhou: Chinese Chemical Letters Vol.16

