

DAFTAR PUSTAKA

Alsari, A. M., Khulbe, K. C. & Matsuura, T., 2001. The effect of sodium dodecyl sulfate solutions as gelation media on the formation of PES membranes. *J. Membr. Sci.*, p. 188 279–93.

Andrieux, K., Lesieur, P., Lesieur, S., Ollivon, M., Grabielle-Madelmont, C., 2002. Characterization of fluorescein isothiocyanate-dextran used in vesicle permeability studies. *Anal. Chem.*, p. 74 5217–26.

Anggara, T. S. B., 2016. *Effect of Gelatinization Medium on Water Permeability of PES Membrane Molecular Weight 5900*, Yogyakarta: UMY.

Anon., 2014. *National Chronic Kidney Disease Fact Sheet*. [Online] Available at: <http://www.cdc.gov/ckd>

Arthur C. Guyton, M. D. & John E. Hall, P., 2006. *Textbook of Medical Physiology 11th Edition*. Pennsylvania: Elsevier Inc..

Bracco, G. & Holst, B., 2013. *Surface Science Techniques*. Berlin: Springer.

Buana, E. S. & Dwi Indarti, A., 2014. Pengaruh Penambahan Surfaktan Anionik Sodium Dodecil Sulfat Terhadap Karakteristik Membran Selulosa Asetat. *Berkala Sainstek*, pp. 49-53.

Chou, W. L., Yu, D. G., Yang, M. C. & Jou, C. H., 2007. Effect of Molecular Weight and Concentration of PEG Additives on Morphology and Permeation Performance of Cellulose acetate Hollow Fibers. *Separation and Purification Technology*, pp. 209-219.

De, S., Girigoswami, A. & Das, S., 2005. Fluorescence probing of albumin-surfactant interaction. *J. Colloid Interface Sci.*, p. 285 562–73.

Gura, V., Rivara, M. B., Bieber, S., Munshi, R., Smith, N. C., Linke, L., Kundzins, J., Bizai, M., Ezon, C., Kessler, L., Himmelfarb, J., 2016. A Wearable Artificial

Kidney for Patients with End-Stage Renal Disease. *Journal of Clinical Investigation Insight*, VIII(10), pp. 1-15.

Gu, Y. & Miki, N., 2007. A microfilter utilizing a polyethersulfone porous membrane with nanopores. *Jurnal of Micromechanic and Microengineering*, pp. 2308-2315.

Gu, Y. & Miki, N., 2009. Multilayered microfilter using a nanoporous PES membrane and applicable as the dialyzer of a wearable artificial kidney.. *J. Micromech. Microeng.*, pp. vol 19, pp 0960-1317.

Haruman, K. R., Nilapsari, R. & Garna, H., 2015. *Angka Kejadian, Karakteristik, dan Stadium Penyakit Ginjal pada Tuberkolosis Paru*. s.l.:Prosiding Pendidikan Dokter.

Ito, H., Prihandana, G. S., Sanada, I., Hayashi, M., Kanno, Y., Miki, N., 2014. *No-Dialysate Micro Hemodialysis System*, Keio: Keio University.

JEOL.Ltd, 2006. *Scanning Electron Microscope A to Z - Basic Knowledge for Using The SEM*, Tokyo: Jeol.

Ostuni, E., Chapman, R.G., Holmlin, R. E., Takayama, S., Whitesides, G. M., 2001. A Survey of Strutural Property Relationship of Surfaces That Resist the Adsorption of Protein. *Langmuir*, pp. 5605-5620.

Pendse, S., Singh, A. & Zawada, E., 2008. Initiation of Dialysis. In: *Handbook of Dialysis. 4th Edition*. New York: NY, pp. 14-21.

Peng, J., Su, Y., Chen, W., Shi, Q., Jiang, Z., 2010. Effects of Coagulation Bath Temperature on the Separation Performance and Antifouling Property of Poly(ethersulfone) Ultrafiltration Membrane. *Industrial and Enineering Chemical Research*, pp. 4858-4864.

Prihandana, G. S., Ito, H., Nishinaka, Y., Kanno, Y., Miki, N., 2012. Polyethersulfone Membrane Coated With Nanoporous Parylene for Ultrafiltration. *Journal of Microelectromechanical Systems*, pp. 1288-1290.

Prihandana, G. S., Ito, H., Sanada, I., Nishinaka, Y., Kanno, Y., Miki, N., 2014. Permeability and Blood Compatibility of Nanoporous Parylene Film-Coated Polyethersulfone Membrane Under Long-Term Blood Diffusion. *Journal of Applied Polymer Science*, pp. 131-138.

Prihandana, G. S., Sriani, T. & Mahardika, M., 2015. Review of Surface Modification of Nanoporous Polyethersulfone Membrane As A Dialysis Membrane. *International Journal of Technology*, pp. 1025-1030.

Saito, A., Kawanishi, H., Yamashita, A. C. & Mineshima, M., 2011. High-Performance Membrane Dialyzers.. *Contrib Nephrol. Basel, Karger.*, pp. vol 173, pp 58-69..

Sciencelab.com, 2013. *sciencelab.com*. [Online] Available at : <http://www.sciencelab.com>

Setyawan, M. A., 2016. *Design and Fabrication of Maze-Shaped Multi-Layered Microfilter Using SS 316L By Electropolishing Technique*, Daerah Istimewa Yogyakarta: Universitas Muhammadiyah Yogyakarta.

Setyawan, R., 2015. *Korelasi Antara Ekspresi Nefrin dengan Cedera Tubulus dan Kadar Kreatinin Serum pada Model Gagal Ginjal yang Diinduksi dengan 5/6 Nefrektomi Subtotal pada Mencit*. Yogyakarta: UGM.

Singh, S., Khulbe, K. C., Matsuura, T. & Ramamurthy, P., 1998. Membrane characteristization by solute transport and. *J. Membr. Sci.* 142, pp. 111-27.

Taal, M. W., Brenner, B. M. & Rector, F. C., 2012. *Brenner and Rector's The Kidney 9th Edition*. Philadelphia: Elsevier Saunders.

To, N., Sanada, I., Ito, H., Prihandana, G. S., Morita, S., Kanno, Y., Miki, N., 2015. Water-permeable dialysis membranes for multi-layered microdialysis system.. *Biotechnol*, p. 3:70.

Wenten, I. G., 2010. *Pengantar Teknologi Membran*. Bandung: ITB.

www.wikipedia.org, 2015. *Natrium Dodesil Sulfat*. [Online]

Available at: https://id.wikipedia.org/wiki/Natrium_dodesil_sulfat

Yanto, R. A., 2016. *Pembangan Membran Polyethersulfone (PES) sebagai Filtrasi pada Sistem Desalinasi*, Yogyakarta: UMY.