

DAFTAR PUSTAKA

- B. Girisuta, L.P.B.M. Janssen, H.J. Heeres. 2007. *Kinetic study on the acidcatalyzed hydrolysis of cellulose to levulinic acid*, Ind. Eng. Chem. Res. 46 (1696–1708).
- Bicker M, Kaiser D, Vogel H. 2002. *Dehydration of fructose to 5-hydroxymethylfurfural in sub and supercritical acetone*. Green Chem.
- Browneel, Lloyd E. dan Edwin H. Young. 1959. *Process Equipment Design*. New York: John Wiley & Sons.
- Coulson, J. M, and Richardson, J. F. 2005. *Chemical Engineering Volume 6 4th Ed*. London: Elsevier Butterworth Heinemann.
- Department Chemical and Petroleum Engineering: University of Kansas.
- Geankoplis, C.J. 1978. *Transport Processes and Unit Operation Fourth Edition*. United States of America: Prentice-Hill International, Inc
- Geankoplis, Christie J. 2003. *Transport Processes and Unit Operations 3rd Ed*. New Jersey: Pearson Education, Inc.
- Himmerlblau, David M. And James B. Riggs. 2013. *Basic Principles and Calculations in Chemical Engineering 8th Ed*. U.S: Corporate and Government Sales.
- J. Miron and D. Ben-Ghedalia. 1982. *Effect of hydrolysing and oxidizing agents on the composition and degradation of wheat straw monosaccharides*. European Journal of Applied Microbiology and Biotechnology, vol. 15, no. 2, pp. 83–87.
- Kern, D. Q. 1965. *Process Heat Transfer*. Japan: McGraw-Hill Book Company.

- Kusnarjo. 2010. *Design Pabrik Kimia*. Surabaya: ITS
- M. Pedersen and A. S. Meyer. 2010. *Lignocellulose pretreatment severity relating pH to biomatrix opening*, New Biotechnology, vol. 27, no. 6, pp. 739-750.
- M. Taherdanak and H. Zilouei. 2014. *Improving biogas production from wheat plant using alkaline pretreatment*, Fuel, vol. 115, pp. 714–719.
- Nazlina Y, Amin AS, Salasiah E. 2002. *Characterization and performance of hybrid catalysts for levulinic acid production from glucose*. Microporous Mesoporous Mater.
- Perry, Robert H. and Don Green. 1997. *Perry's Chemical Engineers' Handbook 7th Ed.* New York: McGraw-Hill Book Company.
- Reklaitis, G.V. 1983. *Introduction to material and Energi Balance*. Mc. Graw Hill Book Company : Newyork
- Sinnot, R.K. 1999. *Coulson & Richardson's Chemical engineering Volum 6 Third Edition*. Butterworth-Heinemann: Oxford.
- Smith, J.M., Vann Ness, H.C., and Abbott, M.M. 2001. *Introduction to Chemical Engineering thermodynamics Sixth Edition*. McGrawHill: New York.
- Smith, Robin. 2005. *Chemical Process Design and Integration*. John Wiley & Sons, Inc., Hoboken, New Jersey.
- T. J. McDonough. 1992. *The Chemistry of Organosolv Delignification*.
- Ulrich, Karl. T & Eppinger, Steven. D. 1995. *Product Design and Development*. University of Pennsylvania: McGraw-Hill.
- Walas, M. Stanley. 1990. *Chemical Process Equipment Selection and Design*.

- X. Zhao, K. Cheng, and D. Liu. 2009. *Organosolv pretreatment of lignocellulosic biomass for enzymatic hydrolysis*, *Applied Microbiology and Biotechnology*, vol. 82, no. 5, pp. 815–827.
- Yaws, C.L. 1999. *Chemical Properties Handbook*. McGraw-Hill Book Co: New York.
- Y. Sun and J. Cheng. 2002. *Hydrolysis of lignocellulosic materials for ethanol production: a review*, *Bioresource Technology*, vol. 83, no. 1, pp. 1–11.
- Y. Zheng, C. Lee, C. Yu et al.. 2013. *Dilute acid pretreatment and fermentation of sugar beet pulp to ethanol*, *Applied Energy*, vol. 105, pp. 1–7.
- Z. Sun, Y. Tang, T. Iwanaga, T. Sho, and K. Kida. 2011. *Production of fuel ethanol from bamboo by concentrated sulfuric acid hydrolysis followed by continuous ethanol fermentation*, *Bioresource Technology*, vol. 102, no. 23, pp. 10929–10935.
- Z. Zhang, I. M. O'Hara, and W. O. S. Doherty. 2012. *Pretreatment of sugarcane bagasse by acid-catalysed process in aqueous ionic liquid solutions*, *Bioresource Technology*, vol. 120, pp. 149–156.