

DAFTAR PUSTAKA

- Aiman, Yulia Senja. 2014. *Perbandingan Metode Ekstraksi dan Variasi Pelarut Terhadap Rendemen dan Aktivitas Antioksidan Ekstrak Kubis Ungu*. Traditional Medicine Journal 19(1) 2014.
- Alibaba. 2019. *Daftar Harga Bahan Baku*. (Online) www.alibaba.com (Diakses tanggal 15 September 2020).
- ASME. 2013. *ASME Boiler & Pressure Vessel Code VIII: Rules for Construction of Pressure Vessels*. New York: The American Society of Mechanical Engineers.
- Badan Pusat Statistik. 2019. *Statistic Indonesia*. (Online) <http://www.bps.go.id>. Indonesia (Diakses tanggal 30 Agustus 2020).
- Badan Pusat Statistik. 2021. *Tebo dalam Angka 2021*. (Online) <http://www.bps.go.id>. Indonesia (Diakses tanggal 3 Mei 2021).
- Basu, Prabir. 2010. *Biomass Gasification and Pyrolysis Practical Design and Theory*. Elsevier.
- Basu, Prabir. 2013 *Combustion and Gasification in Fluidized Bed*. Elsevier
- Bennedetta de caprariis, dkk, 2014. *CO₂ Reforming Of Tar During Biomass Gasification*. Elsevier.
- Brown, R. N. 2005. *Compressor: Selection and Sizing, 3rd Edition*. New York: Elsevier.
- Brownell, L.E. and Young, E.H. 1959. *Process Equipment Design*. Wiley Eastern Limited: New York.

- Badan Standardisasi Nasional. 2009. SNI . 7268 : 2009. *Syarat Pengisi Air Ketel Uap dan Air Ketel Uap*.
- Badan Standardisasi Nasional. 2011. SNI 03-6197-2011. *Konversi Energi pada Sistem Pencahayaan*.
- Coulson, J. M., & Richardson, J. F. 2005. *Coulson & Richardson's Chemical Engineering Design* (4th ed., Vol. VI).
- Dellweg H. 1983. *Biomass, Microorganism For Special Application Microbial Product Energy From Renewable*. Biotechnol. Volume 3. Verlag Chemie. Florida.
- Depkes, RI. 2017. *Peraturan Menteri Kesehatan Nomor 32 Tahun 2017 Tentang Standar Baku Mutu Kesehatan Lingkungan dan Persyaratan Kesehatan Air untuk Keperluan Higiene Sanitasi, Kolam Renang, Solus Per Aqua, dan Pemandian Umum*. Depkes RI. Jakarta.
- D.G.Rowe, 2008, *Boosting Cellulosic Biofuels :A catalytic process could improve thermochemical routes to ethanol*, NREL dan Dow Chemical, <http://www.technologyreview.com/news/410518/boosting-cellulosic-biofuels/aksesjuni2013>.
- Google Inc. 2020. *Google Maps: Peta Lokasi Desa Sungai Bengkal Kec. Tebo Ilir Kab. Tebo* dalam <http://earth.google.co.id> diakses pada tanggal 29 Desember 2020.
- Guswendar Rinovianto. 2012. *Karakteristik Gasifikasi Pada Updraft Double Outlet Gasifier Menggunakan Bahan Bakar Kayu Karet*. Depok. Universitas Indonesia.

- Jack et al. 2019. *Integrated Biofuels Process Configurations, Employing a 2-Stage Bio-Reforming Reactor System, In Which Renewable Carbon Content Of Gasoline And Diesel Are Optimized For Value*. US Patent No. 10.273.422 B2.
- Juliyono. 2017. *Gasifikasi Cangkang Sawit pada Produksi Campuran Aspal Panas. Lembaga Peneliti dan Pengabdian Kepada Masyarakat Universitas Sebelas Maret*.
- Kern, D. Q. 1950. *Process Heat Transfer*. Auckland: McGraw - Hill International Edition.
- Kern, D.Q. 1965. *Process Heat Transfer*. McGraw-Hill Book Co: New York.
- Klepper et al. 2009. *Methods and Apparatus for Producing Alcohols from Syngas*. US0018371A1.
- Kosaric, N. 2001. *Biosurfactants and Their Application For Soil Bioremediation*. Food Technol. Biotechnol, Vol 39, PP 295-296.
- Kunii, Daizo & Levenspiel. 1991. *Fluidization Engineering 2nd Edition*. Elsevier Butterworth-Heinemann: Oxford.
- Kusnarjo. 2010. *Desain Pabrik Kimia*. Jakarta : Gramedia.
- Lee, Y., J. Park, C. Ryu, K.S. Gang, W. Yang, Y. Park dan S. Hyun. 2013. *Bioresource Technology Comparison Of Biochar Properties From Biomass Residue Produced By Slow Pyrolysis At 500°C*. Bioresource Technology Vol. 148:196-201.
- Ludwig, E. E., 1997. *Applied Process Design for Chemical and Petrochemical Plants, Volume 2, Third Edition*. Gulf Publishing Co: Houston.
- Matthew Van Winkle. 1967. *Distillation*. Mc. Graw Hill, New York.

- McCabe, W. L., 1995. *Unit Operations of Chemical Engineering*. McGraw-Hill Book Co: New York.
- Nurdyastuti, I. 2005. *Teknologi Proses Produksi Bio-Ethanol. Prospek Pengembangan Biofuel Sebagai Substitusi Bahan Bakar Minyak. Balai Besar Teknologi Pati-BPPT*.
- Palar H. 2008. *Pencemaran dan Toksikologi Logam Berat*. Jakarta: Rineka Cipta.
- Park, M. J., H.W. Lim, S. H. Kang, H. J. Chae, J. W. Bae, dan K. W. Jun. 2009. *Modeling of the Kinetics for Methanol Synthesis Using CuO/ZnO/Al₂O₃/ZrO₂ Catalyst: Influence of Carbon Dioxide during Hydrogenation*. Industrial Chemical Engineering. 48(1): 10448-10455.
- Permen LHK. 2019. *Peraturan Menteri Lingkungan Hidup Dan Kehutanan Republik Indonesia No. P.16/Menlhk/Setjen/Kum.1/4/2019 Tentang Perubahan Kedua Atas Peraturan Menteri Lingkungan Hidup No. 5 Tahun 2014 Tentang Baku Mutu Air Limbah*.
- Perry, R. H. and Green D. 1997. *Perry's Chemical Engineers' Handbook*, 7th Edition. New York: McGraw - Hill Book Company.
- Perry, R.H. 1999. *Perry's Chemical Engineer's Handbook*, 7th Edition. McGraw-Hill Book Co: New York.
- Perry, R.H. 2008. *Perry's Chemical Engineer's Handbook*, 8th Edition. McGraw Hill Book Co: New York.
- Peter, M. S. and Timmerhaus, K. D. 1991. *Plant Design and Economic for Chemical Engineering*, 4th Edition. New York : Mc Graw Hill International Book Co.

- Peters, M.S. dan K.D.Timmerhaus. 1991. *Plant Design and Economics for Chemical Engineers, Fourth Edition*. Mc Graw-Hill Book Co: New York.
- Reklaitis, G.V. 1983. *Introduction to material and Energi Balance*. Mc. Graw Hill Book Company : Newyork.
- Rowe, R.C. et Al. (2009). *Handbook Of Pharmaceutical Excipients*, 6thEd, ThePharmaceutical Press, London.
- Sadaka S. 2011. *Gasification Of Phycoremediation Algal Biomass*. Bioresources 10 (2), 2609-2625.
- Santoso Abdillah Reza. 2018. *Karakteristik Bahan Bakar Ketel Uap dengan Biomassa Campuran Tandan Kosong, Cangkang dan Serat Kelapa Sawit Serta Prediksi Pembakaran dengan Aspen Plus*. Skripsi.
- Sinnot, R. K. 2005. *Coulson & Richardson's Chemical Engineering, Volume 6, Fourth Edition: Chemical Engineering Design*. Elsevier Butterworth-Heinemann: Oxford.
- Smith, J.M. dan H. C. Van Ness. 2001. *Introduction to Chemical Engineering Thermodynamics, Sixth Edition*. Mc Graw-Hill Book Co: New York.
- Sumardjino Firmansyah. 2009. *Biokonversi Lignoselulosa dari Biomassa Tandan Kosong Kelapa Sawit (TKKS) Menjadi Etanol Melalui Proses Sakarifikasi dan Fermentasi Serentak (SFS)*. Skripsi.
- Twigg, Martin. V. 1989. *Catalyst Handbook*. Wolfe Publishing Ltd.
- Treyball, R.E. 1980. *Mass Transfer Operation*. McGraw-Hill Book Co: New York.

Undang-Undang Republik Indonesia Nomor 13 Tahun 2003 Tentang Ketenagakerjaan.

Widjaja, A.W. (2003). *Otonomi Desa Merupakan Otonomi Bulat, dan Utuh*. Jakarta: PT RajaGrafindo Persada.

Wijaya Karna. 2011. *Biofuel dari Biomassa*. Pusat Studi Energi Universitas Gajah Mada.

Winangun Kuntang. 2009. *Uji Emisi Penggunaan Bioetanol dari Tetes Tebu Sebagai Campuran Premium dengan Oktan Booster pada Sepeda Motor Yamaha Vega ZR 2009*.

Wulandari Puji Retno. 2014. *Perencanaan Pengolahan Air Limbah Sistem Terpusat (Studi Kasus di Perumahan PT Pertamina Unit Pelayanan III Plaju-Sumatera Selatan)*. Jurnal Teknik Sipil dan Lingkungan Vol. 2 No. 3.

Yang, H., R. Yan, H. Chen, D. H. Lee, D. T. Liang dan C. Zheng. 2006. *Pyrolysis Of Palm Oil Empty Fruit Bunches*. American Journal Of Applied Sciences Vol. 6(6):869-875.

Yates, John & Susan. *Character Matters*. Grand Rapids: Baker Books, 1998.

Yaws, C.L. 1999. *Chemical Properties Handbook*. McGraw-Hill Book Co: New York.

Zhang, L, et al. 2017. *Health Related Quality Of Life Among Adults With And Without Hypertension : A Population-Based Survey Using EQ-5D In Shandong*. Scientific reports. Springer US, pp 1-7.