



## BAB VI

### DAFTAR PUSTAKA

- Anis, S. And Zainal, Z. A., 2011, "Tar reduction in biomass producer gas via mechanical, catalytic and thermal methods: A review", *Renewable and Sustainable Energy Reviews*, 15, pp. 2355-2377.
- Babu, B. V., 2008. "Biomass Pyrolysis: A State of The Art Review", *BIOFPR Journal* 2, 5, pp. 393-414.
- Basu, P., 2010, "*Biomass Gasification and Pyrolysis*", Academic Press, Boston.
- Bridgwater, A.V., Czernik, S., and Piskorz, J., 2001, "An Overview of Fast Pyrolysis, Progress in Thermochemical Biomass Conversion", Blackwell Oxford, United Kingdom, pp. 977-997.
- Cahyo, D.D., 2017, "Pembuatan Kokas dari Cangkang Kelapa Sawit dengan Metode Pirolisis Variasi Suhu", Laporan Penelitian Departemen Teknik Kimia Universitas Gadjah Mada, Yogyakarta: Universitas Gadjah Mada.
- Cahyono, R. B., Rozhan, A. N., Yasuda, N., Nomura, T., Purwanto, H., and Akiyama, T., 2013, "Carbon Deposition Using Various Solid Fuels for Ironmaking Applications", *Energy & Fuels*, 27, pp. 2687-2692.
- Cahyono, R. B., Yasuda, N., Nomura, T., Nomura, T., and Akiyama, T., 2014, "Optimum Temperature for Carbon Deposition during Integrated Coal Pyrolysis-Tar Deposition over Low-Grade Iron Ore for Ironmaking Applications", *Fuel Process Technol.*, 119, pp. 272-277.
- Chen, Pei-Yuan. 1977. "*Table of Key Lines of X-ray Powder Diffraction Patterns of Minerals in Clays and Associated Rocks*". Department of Natural Resources Geological Survey Occasional Paper 21. India
- Demirbas, A., 2009. "Biorefineries: Current activities and future developments", *Energy Conversion and Management*, 50, pp. 2782-2801.
- Guedes, R. E., Luna, A. S., Torres, A. R., 2017, "Operating parameters for bio-oil production in biomass pyrolysis: A review", *Journal of Analytical and Applied Pyrolysis*, pp. 1-16.
- Hosseini, S. E. and Wahid M. A., 2014, "Utilization of Palm Solid Residu As A Source Renewable And Sustainable Energy In Malaysia", *Renewable and Sustainable Energy Reviews*, 40, pp. 621-632.



- Liu, H., Chen, T., Chang, D., Chen, D., and Frost, R.L., 2012, "Catalytic Cracking of Tars Derived from Rice Hull Gasification over Goethite and Palygorskite", *Appl. Clay Sci.*, 70, pp. 51-57.
- Mohan, D., Pittman, C. U., Steele, P. H., 2006. "Pyrolysis of Wood/Biomass for Bio-oil: A Critical Review", *Energy Fuels* 20, 3, pp. 848–889.
- Pradini, T.S., 2017, "Pembuatan Kokas dari Cangkang Kelapa Sawit dengan Metode Pirolisis Menggunakan Katalis *Low Grade Iron Ore* Variasi Suhu", Laporan Penelitian Departemen Teknik Kimia Universitas Gadjah Mada, Yogyakarta: Universitas Gadjah Mada.
- Sufriadin, Widodo, S., and Biatong, R., 2013, "Karakterisasi Mineralogi Bijih Besi Laterit dan Potensinya sebagai Bahan Baku Industri Besi Baja di Indonesia", Fakultas Teknik Universitas Hasanudin, Vol. 7, Desember, pp. 1-4.
- Suhardiyono, L., 1988, "Tanaman Kelapa, Budidaya dan Pemanfaatannya", Kanisius, Yogyakarta, pp. 153-156.
- Anonym. 1998. "Pollution Prevention Abatement Handbook: Coke Manufacturing". World Bank Group Environmental, Health, and Safety Guidelines.
- Antal, M.J., Gronli, M. 2003. "The art, science and technology of charcoal production", dalam Brownsort, P.A. 2009. Biomass Pyrolysis Processes: Review of Scope, Control and Variability. UKBRC Working Paper 5.
- Brownsort, P.A. 2009. "Biomass Pyrolysis Processes: Review of Scope, Control and Variability". UKBRC Working Paper 5.
- Demirbas, A. 2001. "Carbonization ranking of selected biomass for charcoal, liquid and gase products" dalam Brownsort, P.A. 2009. Biomass Pyrolysis Processes: Review of Scope, Control and Variability. UKBRC Working Paper 5.
- Hayashi, Kuchiro. 2007. "Environmental Impact of Palm Oil Industry in Indonesia", dalam A.O. Ningrum (Eds.). 2011. Proses Pembuatan Biooil dari Limbah Kelapa Sawit (Tandan, Cangkang, dan Serat) untuk Bahan Bakar Alternatif dengan Metode Fast Pyrolysis (hlm 8). Skripsi pada Teknik Kimia Universitas Indonesia. Depok: Universitas Indonesia.
- Hosseini, Seyed Ehsan dan Mazlan Abdul Wahid, "Utilization of Palm Solid Residu As A Source Renewable And Sustainable Energy In Malaysia", *Renewable and Sustainable Energy Reviews*, 40, Hal : 621 - 632, 2014.



- Murakami, T., Nisimura, T., Kasai, E. 2009. "Lowering Reduction Temperature of iron Ore and Carbon Composite by Using Ores with High Combined Water Content". ISIJ International, Vol.49, no.11, pp.1686-1693.
- Okoroigwe, E.C., C.M. Saffron, P.D. Kamdem. 2014. "Characterization of Palm Kernel Shell for Materials Reinforcement and Water Treatment". Journal of Chemical.
- Sadaka, S. tanpa tahun. "Pyrolysis". Nevada: Departement of Agricultural and Biosystems Engineering Iowa State University.