



DAFTAR PUSTAKA

- Anderson, R.B., 1968, *Experiment Methods in Catalysis Research*, Academic Press, New York.
- Ansari, R., and Khah, A.M., 2009, Activated Charcoal: Preparation, Characterization and Applications: A review article, *Chemtech.*, 1, 4, 859-864.
- Aripin, 2007, The Conversion of Methanol and Other Compound to Hydrocarbon Over Zeolit Catalysts, *J. Catal.*, 367, 388-393.
- Augustine, R.L., 1996, *Heterogeneous Catalysis for the Synthetic Chemist*, New York: Marcel Dekker.
- Bakti, I, 1998, Pembuatan Katalis Logam Tembaga Dengan Pengembann Karbon Aktif Untuk Dehidrasi *n*-Amilalkohol, *Skripsi*, Fakultas MIPA, Universitas Gadjah Mada.
- Bansal, R.C., Donnet, J.B., and Stoeckli, H.F., 1988, *Active Carbon*, Marcel Dekker, New York.
- Becker, E., 1979, *Controlled Catalyst Distribution on Supports by Co-Impregnation, Preparation of Catalysis II*, Proceeding of the 2nd Symp on the Scientific Basis for the Preparation of Heterogeneous Catalysts, 159.
- Bledzki, A.K., Mamun, A.A., and Volk, J., 2010, Barley Husk and Coconut Shell Reinforced Polypropylene Composites: The Effect of Fibre Physical, Chemical and Surface Properties, *Compos. Sci. Technol.*, 70, 840-846.
- Cerveny, L., 1986, Studies in Surface Science and Catalytic Hydrogenation, *Els. Sci. Publ.*, 27(411), 418-419.
- Chandra, T.C., 2009, Activated Carbon from Durian Shell: Preparation and Characterization, *J. Taiwan. Inst. Chem. Eng.*, 40, 457-462.
- Falah, I.I. and Triyono, 2010, Conversion of *n*-Pentanol and *n*-Butanol over Cu/AC Catalyst, *J.Chem. Chem. Eng.*, 4(6), 22-28.
- Fraga, M.A., Jordao, E., Mendes, M.J., Freitas, M.M.A., Faria, J.L., and Figueiredo, J.L., 2002, Properties of Carbon-Supported Platinum Catalyst, *J. Catal.*, 209, 355-364.
- Foger, K., 1984, *Disperced Metal Catalysts*. Dalam Anderson, J.R. and Boudart, M., *Catalyst, Science and Technology*, Springer-verbg, New York.
- Harsanti, E.S., dan Ardiwinata, A. N., 2010, *Arang Aktif Meningkatkan Kualitas Lingkungan*, Balai Penelitian Lingkungan Pertanian Pati, Jawa Tengah.
- He, X., and Liu, H., 2014, Efficient Synthesis of 1,1-Diethoxyethane via Sequential Ethanol Reactions on Silica-Supported Copper and H-Y Zeolite Catalysts, *Catal. Today*, 233, 133-139.



- Ioannidou, O. and Zabaniotou, A., 2007, Agricultural Residues as Precursors for Activated Carbon Production-A Review, *Renew. Sust. Energ. Rev.*, 11, 1966-2005.
- Jankowska, H., Swatkowski, A. and Choma, J., 1991, *Active Carbon*, Ellis Horwood, New York.
- Jauhar, 2007, Produksi Isopropil Alkohol Murni untuk Aditif Bensin yang Ramah Lingkungan sebagai Wujud Pemanfaatan Produk Samping pada Industri Gas Alam, *Skripsi*, Fakultas Teknologi Industri, Institut Teknologi Bandung, Bandung.
- Lambright, S., Butaeva, E., Razgoniaeva, N., Hopkins, T., Smith, B., Perera, D., et al. (2014). Enhanced lifetime of excitons in nonepitaxial Au/CdS Core/Shell nanocrystals. *ACS Nano*, 8(1), 352-361.
- Lestari, D. Y., 2012, *Pemilihan Katalis yang Ideal*, Prosiding Seminar Nasional Penelitian FMIPA UNY, Yogyakarta.
- Marin, 2007, Porous Structure of Activated Carbon Prepared from Cherry Stones by Chemical Activation with Phosphoric Acid, *Energ. Fuel.*, 21, 2942.
- Mochida, I., Seong, H. Y., Wenming, Q., 2006, Catalysts in Syntheses and Carbon Precursors, *J. Braz. Chem. Soc.* Vol. 17, No.6, pp 1059-1073.
- Novita, S., 2013, Konversi 1-Butanol Menjadi Senyawa Eter Menggunakan Katalis Cu/Karbon Aktif, *Skripsi*, Prodi Kimia, Jurusan Kimia, Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Gadjah Mada, Yogyakarta.
- Palar, H., 2004, Pencemaran dan Toksitas Logam Berat, Rineka Cipta, Jakarta, p, 78-86.
- Pavia, D.L., Lampman, G.M., and Kriz, G.S., 2001, 3rd *Introduction of Spectroscopy*, Thomson Learning Inc., USA.
- Pawestri, U.D., 2014, Pembuatan Katalis Ni/AC dan Pemakaiannya untuk Konversi *n*-Pentanol Menjadi Eter, *Skripsi*, Prodi Kimia, Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Gadjah Mada, Yogyakarta.
- Rosas, J.M., 2009, HEMP-Derived Activated Carbon Fibers by Chemical Activation with Phosphoric Acid, *Fuel*, 88, 19-26.
- Rosenthal, S.J., McBride, J., Pennycook, S.J., and Feldman, L.C., 2007, Synthesis, surface studies, composition and structural characterization of CdSe, core/shell and biologically active nanocrystals. *Surface Science Reports*, 62(4), 111-157.



- Salamah, S., 2003, Pembuatan Karbon Aktif dari Tempurung Kelapa, Prosiding Seminar Nasional “*Kejuangan*”, Teknik Kimia, Yogyakarta.
- Salim, I., 2001, Pengaruh Aktivasi dan Impregnasi Logam Kobalt Terhadap Luas Permukaan Zeolit Alam, *Laporan Penelitian*, Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Cendrawasih.
- Satish, 2003, Karbon Aktif Dari Tempurung Kelapa Dengan Cara Pemanasan Suhu Tinggi, *Majalah Ilmiah*, 5, 22-29.
- Sembiring, dan Sinaga, 2003, Arang Aktif (Pengenalan dan Proses Pembuatannya), *Skripsi*, Jurusan Teknik Industri, Fakultas Teknik, Universitas Sumatera Utara.
- Smisek, M., 1970, *Active Carbon*, Elsevier Publishing Company, London.
- Subadra, I., Setiaji, B., Tahir, I., 2005, *Activated Carbon Production From Coconut Shell With (NH₄)HCO₃ Activator as an Adsorbent in Virgin Coconut Oil Purification*. Universitas Gadjah Mada, Yogyakarta.
- Sukmawati, D., 2016, Pembuatan Katalis Ni/Karbon Aktif untuk Konversi *n*-Butanol Menjadi 1,1-Dibutoksibutana, *Skripsi*, Prodi Kimia, Jurusan Kimia, Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Gadjah Mada, Yogyakarta.
- Szymanski, G.S., Rychlicki, G., and Terzyk, A.P., 1994, Catalytic Conversion of Ethanol on Carbon Catalysts, *Carbon*, 32(2), 265-271.
- Tangkuman, H., dan Abidjulu, J., 2005, Perbandingan Kualitas Karbon Aktif Yang Dibuat Dengan Aktivasi Kimia dan Aktivasi Fisika. *Tulisan Ilmiah*, FMIPA, Universitas Sam Ratulangi, Manado.
- Utomo, M.P. Dan Laksono, E.W., 2007, *Tinjauan Umum Tentang Deaktivasi Katalis pada Reaksi Katalis Heterogon*, Prosiding Seminar Nasional Penelitian FMIPA UNY, Yogyakarta.
- Utsumi, S., Vallejos-Burgos, F.E., Campos, C.M., Gracia, X., Gordon, A.L., Pecchi, G., Radovic, L.R., 2007, Preparation and Characterization of Inexpensive Heterogeneous Catalysts for Air Pollution Controls: Two Case Studies, *J. Catal. Today*, 123, 208-217.
- Van den Berg, G.H., and van Rijnten, H.Th., 1979, *The Impregnation and Drying Step in Catalyst Manufacturing dalam Preparations of Catalysts II*, 265-267, Elsevier Scientific Publishing Company, Amsterdam.
- Wigmans, T.,K, Auwerda., and J.A Moulijn., 1985, *Catalytic Gasification of Carbon, A Mechanistic Study*, 103-112, Institute for Chemical Technology, Amsterdam.
- Widiyarti, G., Wuryaningsih, and Rahayu, S., 2010, Pengaruh Metode Preparasi dan Kandungan Logam Aktif Terhadap Aktivitas Katalis Ni/*Kieselguhr*, Pusat Penelitian Kimia (P2K)-LIPI Kawasan Puspiptek, Serpong 15314, Tangerang, *Indo. J. Mater. Sci.*, 11(2), 1-5.



- Yang, T. and Lua, A., 2003, Characteristics of Activated Carbons Prepared from Pistachio-Nut Shells by Physical Activation, *J. Colloid. Interf. Sci.*, 267, 408-417.
- Zazo, J.A., Bedia, J., Fierro, C.M., Pliego, G., Casas, J.A., and Rodriguez, J.J., 2012, Highly Stable Fe on Activated Carbon Catalysts for CWPO upon FeCl₃ Activation of Lignin from Black Liquors, *Catal. Today.*, 187, 115-121.
- Zhang, L., 2010, Optimization of Preparation of Activated Carbon from Cotton Stalk by Microwave Assisted Phosphoric Acid-Chemical Activation, *J. Hazard. Mater.*, 182, 217-224.