

DAFTAR PUSTAKA

- Alonso, D, Bond J.Q, Dumesic J.A. (2010). "Catalytic conversion of biomass to biofuels". *Green Chemistry*. 12:1493-1513.
- Binder, J.B., Raines, R.T. (2009). "Simple chemical transformation of lignocellulosic biomass into furans for fuels and chemicals". *J. Am. Chem. Soc.* 131, 1979–1985.
- Chheda J.N., Roman-Leshkov, Y., Dumesic, J.A. (2007). "Production of 5-hydroxymethylfurfural and furfural by dehydration of biomass-derived mono- and poly-saccharides". *Green Chemistry*. 9:342-350.
- E. Sjöström (1993). *Wood Chemistry: Fundamentals and Applications*. Academic Press. ISBN 012647480X.
- Kusuma Dewi, Ni Putu Vijayoni. (2011). Material Komposit Selulosa Ganggang Merah-Serat Jaring Laba-Laba Sebagai Bahan Baku Kertas Superkuat Ramah Lingkungan. *Skripsi*. Bandung: Program Studi Kimia, Jurusan Pendidikan Kimia, FPMIPA UPI.
- Moulijn, J, et.al. (2010). "Cellulose Conversion To Isosorbide in Hydrate Molten Salt Media". *ChemSusChem*. 325-328
- Muldani, M. (1997). *Penanganan Bahan Baku dan Pengolahan Agar- Agar Kertas di Desa Mancahagar, Kec. Pameumpeuk, Kab. Garut, Jawa Barat*. Laporan Praktek Lapang. Program Studi Teknologi Hasil Perikanan. Fakultas Ilmu Kelautan, Institut Pertanian Bogor, Bogor.
- Pan Wang, Hongbing Yu, Sihui Zhan, Shengqiang Wang. (2010). "Catalytic hydrolysis of lignocellulosic biomass into 5-hydroxymethylfurfural in ionic liquid". PR China: College of Environmental Science and Engineering, Nankai University, Tianjin 300071.
- Potthast, A., Rosenau, T., Sixta, H., Kosma, P.,. (2002). "Degradation of cellulose materials by heating in DMAc/LiCl". *Tetrahedron Lett.* 43, 7757–7759.
- Roman-Leshkov, Y., Barrett, C.J., Liu Z.Y., Dumesic J.A. (2007). "Production of dimethylfuran for liquid fuels from biomass-derived carbohydrates". *Nature*. 447:982-985.
- Su, Y., Brown, H.M., Huang, X.W., Zhou, X.D., Amonette, J.E., Zhang, Z.C., 2009. "Single-step conversion of cellulose to 5-hydroxymethylfurfural (HMF), a versatile platform chemical". *Appl. Catal. A* 361, 117–122

- Suwandi, R., B. Riyanto, Taryono, dan Uju. (1988). *Design dan Rancang Bangun Alat Pengering Semprot Mekanis Tepung Agar-Agar*. Laporan Akhir Paket Penerapan IPTEK Daerah: tidak diterbitkan.
- Triswanto, Y. (2009). *Lomba Tulis Yphl : Hutan , Kertas Dan Alga Merah*. [Online]. Tersedia: <http://www.kabarindonesia.com> [18 Januari 2011].
- Wettstein, S.G., Alonso, D., Dumesic, J.A. (2012). “A roadmap for conversion of lignocellulosic biomass to chemicals and fuels”. Elsevier.
- You, H.C., Jinhae., dan Park, J.H. (2009). “Pulp And Paper Made From Rhodophyta And Manufacturing Method Thereof”. *United States Patent*. US 7,662,019 B2.
- Zeitsch, K.J. (2000). “The Chemistry and Technology of Furfural and Its Many By-Products”. Elsevier.
- Zhao X.B., Cheng K.K., Liu D.H. (2009). “Organosolv pretreatment of lignocellulosic biomass for enzymatic hydrolysis”. *Appl Microbiol Biotechnol*. 82:815-827.
- Zhao, X.B., Holladay, J.E., Brown, H., Zhang, Z.C. (2007). “Metal chlorides in ionic liquid solvents convert sugars to 5-hydroxymethylfurfural”. *Science* 316. 1579–1600.