

DAFTAR PUSTAKA

- Biagini, E., Tognotti, L., Mallogni, S., Pasini, S., 2002, *Co-Combustion of Coal and Tire Residue in A Pilot Plant : A Simplified Modeling Approach For Scale-Up Predictions of Char Oxidation*, Combust.Sci. and Tech, 174 (11&12) pp. 129-150
- Boavida, D., Abelha, P., Gulyurthu, I., Cabrita, I., 2002, *Co-combustion of Coal and Non Recyclable Paper and Plastic Waste in a Fluidized Bed Reactor*, ICCT, Sardinia, Italy, 21st Oct
- Borman, G.L., Ragland, K.W., 1998, *Combustion Engineering*, McGraw-Hill Book Co., Singapore, International Editions 1998
- Cai, J., Wang, Y., Zhou, L., Huang, Q., 2008, *Thermogravimetric Analysis and Kinetic of Coal/Plastic Blends during Co-Pyrolysis in Nitrogen Atmosphere*, Fuel Processing Technology 89, pp. 21-27
- Cheng, Z., Chen, H., Zhang, Y., Hack, P., Pan, W.P., 2007, *An Application of Thermal Analysis to Household Waste*, Journal of ASTM International Vol, 4 NO. 1., Paper ID : JAI100523
- Di Blasi, C., 2008, *Modeling Chemical and Physical Processes of Wood and Biomass Pyrolysis*, Progress in Energy and Combustion Science 34 , pp. 47-99
- Essenhigh, R.H., Froberg, R., Howard, J.B., 1965, *Combustion Behavior of Small Particles*, Industrial and Engineering Chemistry Vol. 57 No. 9, 32-43
- Fu, W.B., Zhang, B.L., Zheng, S.M., 1997, *A Relationship Between the Kinetic Parameters of Char Combustion and the Coal's Properties*, Combustion and Flame 109, pp. 587-598
- Ganesh, A., *Bamboo Characterization For Thermochemical Conversion and Feasibility Study of Bamboo Based Gasification and Charcoal Making*, Report to Energy System Engineering of Indian Institute of Technology Mumbai, September 2003
- Grammelis, P., Basinas, P., Malliopoulou, A., Sakellariopoulos, G., 2009, *Pyrolysis Kinetics and Combustion Characteristics of Waste Recovered Fuels*, Fuel 88 (2009), pp. 195-205
- Gruescu, V.S., Tenchea, A.I., Ungureanu, C., *Analysis of unconventional fuels based on the thermogravimetric analysis method*, Scientific Reunion of the Alexander von Humboldt Foundation concerning the Reconstruction of the Eastern Europe "Sustainability for Humanity & Environment in the Extended Connection Field Science-Economy-Policy", Politehnica Publishing House, Timișoara, 24-25 Febr., 2005, ISBN 973-625-205-1, pp. 256-259
- Hart, S. Ward, J., Biffin, M., 2001, *Development of a Method To Asses The Reactivity of Multi-Component Solid Fuel Briquette*, IFRF Combustion Journal Article Number 200106, June 2001, pp. 1-18
- Harteley, I.D., Wood, L.J., 2008, *Hygroscopic Properties of Densified Softwood Pellets*, Biomass and Bioenergy 32 (2008) pp. 90-93
- Heikkinen, J.M., Hordijk, J.C., de Jong, W., Spliethoff, H., 2004, *Thermogravimetry as a tool to clasify waste components to be used for energy generation*, J.Anal.Appl.Pyrolysis 71, pp. 883-900

- Jelemensky, L., Zajdlik, R., Markos, J., Remiarova, 1998, *Modelling of Coal Particle Combustion*, Acta Montanistica Slovaca Rocnik 3, 295-300
- Kalita, P., Mohan, G., Pradeep, K., Mahanta, P., *Determination and Comparasion of Kinetic Parameter of Low Density Biomass Fuels*, *Journals of Renewable and Sustainable Energy* 1, 2009, 023109
- Kanury, A.M., 1988, *Introduction to Combustion Phenomena*, Gordon and Breach Science Publishers, Inc., New York, Fifth Printing
- Kementerian Negara Lingkungan Hidup Republik Indonesia, 2008, *Buku Statistik Persampahan Indonesia Tahun 2008*, Jakarta
- Kumar, Sudhir., 2000, *Technology Options for Municipal Solid Waste-to-Energy Project*, TERI Information Monitor on Enviromental Science 5(1):1-11
- Levenspiel, O., 1999, *Chemical Reaction Engineering*, John Willey & Sons, New York
- Li, Y., Lu, H., 2000, *High-pressure Densification of Wood Residues to Form an Upgraded Fuel*, *Biomass and Bioenergy* 19 (2000) pp. 177-186
- Liu, G., Benyon, P., Benfell, K.E., Bryant, G.W., Tate, A.G. Boyd, R.K., Harris, D.J., Wall, T.F., 2000, *The Porous Structure of Bituminous Coal Chars and Its Influence on Combustion and Gasification Under Chemistry Controlled Conditions*, *Fuel* (79), 617-626
- Li, X., Yan, J., Chi, Y., Jiang, X., 1999, *Study of Fluidized Bed Combustion Technology Co-firing MSW and Coal : Its Application*, *Proceedings of The 15th Intl. Conf. On Fluidized Bed Combustion*, May 16-19, 1999, Savanah, Georgia.
- Mochidzuki, K., Paredes, L.S., Antal, M.J., 2002, *Flash Carbonization of Biomass*, Hawaii Natural Energy Institute, School of Ocean and Earth Science and Technology, University of Hawaii at Manoa, Honolulu, Paper prepared for Presentation at AIChE 2002 Annual Meeting Indianapolis, IN, November 3-8
- Mori, T., Miyauchi, K., Maeno, Y., Aoki, H., Miura, T., 1999, *A Numerical Study on the Combustion of a Low Temperature Carbonized Semi-coke Particle*, *ISIJ International*, Vol. 39, pp. 896-904
- Mwaikambo, L. Y., 2006, *Review of The History, Properties and Application of Plant Fibers*, *African Journal of Science and Technology (AJST) Science and Engineering Series* Vol. 7, No. 2, pp. 120 - 133
- Ojolo, S.J., Bamgboye, A.I., 2005, *Thermochemical Conversion of Municipal Solid Waste to Produce Fuel and Reduce Waste*, *Agricultural Engineering International : the CIGR Ejournal* Vol. VII, Manuscript EE 05 006
- Olazar, M., Lopez, G., Arabiourrutia, M., Elordi, G., Aguado, R., Bilbao, J., 2008, *Kinetic Modelling of Tyre Pyrolysis in Conical Spouted Bed Reactor*, *J.Anal.Appl.Pyrolysis* 81, pp. 127-132
- Othman, N.F. dan Shamsuddin, A.H., 2003, *Coal Combustion Studies Using Thermogravimetric Analysis*, *Jurnal Mekanikal*, Jan 2003, Bil 15, 97 – 107
- Phan, A.N., Ryu, C., Sharifi, V.N., Swithenbank, J., 2008, *Characterisation of Slow Pyrolysis Products from Segregated Wastes for Energy Production*, *J.Anal.Appl.Pyrolysis* 81 (2008), pp. 65-71
- Pisupati, S.V., *An Examination of Burning Profiles as a Tool To Predict The Combustion Behavior of Coals*, download dari

http://www.anl.gov/PCS/acsfuel/preprint_archive/Files/41_1_NEW_ORLEANS_03-96-96-0013.pdf , diunduh pada tanggal 12 Oktober 2011 pukul 22.42

- Rhen, C., Ohman, M., Gref, R., Wasterlund, I., 2007, *Effect of Raw Material Composition in Woody Biomass Pellets on Combustion Characteristics*, Biomass and Bioenergy 31 (2007) pp. 66-72
- Siritherasas, P., Sawasdee, P. Inthakanok, S. 2008, *Combustion of a Single-particle Refuse-derived Fuel (RDF)*, Thammasat Int. J. Sc. Tech., Vol.13 Special Edition, November 2008, pp. 80-85
- Stevanovic,A., Mehta,S., Walther,D.C., Pello,Fernandes,A.C., 2002, *The effect of Fiberglass Concentration on The Piloted Ignition of Polypropylene/fibreglass Composite*, Combust.Sci. and Tech, 174 (11&12) pp. 171-186
- Sumaryono, 1995, *Proses Pembuatan Biocoal dan Rancangan Tungku Pembakarannya*, Puslitbang Teknologi Mineral, Balai Besar Industri Keramik
- Swithenbank, J.,Sharifi,V.N., Ryu,C.,2005, *Waste Pyrolysis and Generation of Storable Fuel*, SUWIC Department of Chemical and Process Engineering, The University of Sheffield
- Sørum,L.,2001,*Characteristics of MSW for Combustion System*, Technical Report, SINTEF Energy Research
- Turn,S.R.,1996, *An Introduction to Combustion*, McGraw-Hill
- Yang, Y.B., Phan, A.N.,Ryu, C.,Sharifi, V.,Swithenbank, J., 2007, *Mathematical Modelling of Slow Pyrolysis of Segregated Solid Waste in A Packed-Bed Pyrolyser*, Fuel 86, pp. 169-180
- Yao,F.,Wu,Q.,Lei,Y.,,Guo,W.,,Xu,Y.,2008, *Thermal decomposition kinetics of natural fibers: Activation energy with dynamic thermogravimetric analysis*, Polymer Degradation and Stability 93 (2008),pp. 90-98
- Werther,J.,Saenger,M.,Hartge,E-U.,Ogada,T.,Siagi,Z.,2000,*Combustion of Agricultural Residues*, Progress in Energy and Combustion Science 26,pp.1-27