

BIBLIOGRAPHY

Aiyer, Prasanna V., 2005, *Amylases and Their Application*, African Journal of Biotechnology (13); 1525-1529

Alfani A, Gallifuoco F, Saporosi A, Spera A, Cantarella M (2000) *Comparison of SHF and SSF process for the bioconversion of steam-exploded wheat straw*. J Ind Microbiol Biotechnol 25:184–192

Alvira, P., E. Tomas-Pejo, M. Ballesteros & M. J. Negro. (2010). *Pretreatment technologies for an efficient bioethanol production process based on enzymatic hydrolysis: A review*. Bioresource Technology, Vol. 101, No. 13, pp. 4851-4861, ISSN 0960-8524

Ashok K, Jogider SD, Surekha KG, 2014, *Production of ethanol from tuberous plant (sweet potato) using Saccharomyces cerevisiae MTCC-170*. Afr. J Biotechnol. 13(28):2874-2883

Balat M (2011) *Recent trends in global production and utilization of bioethanol fuel*. Appl. Energy. 88(11);2273-2282

Banat, I. M., P. Nigam, and R. Marchant. 1992. *Isolation of Thermotolerant, Fermentative Yeasts Growing at 52°C and Producing Ethanol at 45°C and 50°C*. World Journal of Microbiology & Biotechnology 8 (3): 259–63.

Brauman A, Keleke S, Malonga M, Miambi E, Ampe F (1996) *Microbiological and biochemical characterization for foo-foo (cassava flour) production*. Appl Environ Microbiol 62:2854-2858

Brown, W. F.; Klopfenstein, T. J.; Merrill, J. K.; McDonnell, M. L., 1981. *Corn or soybean hulls as energy supplements to crop residues*. J. Anim. Sci., 53: 112

Cheng, Zheng, Rendang Yang, Xu Liu, Xiao Liu, Hua Chen, 2017, *Green Synthesis of Bacterial Cellulose via Acetic Acid Pre-hydrolysis Liquor of Agricultural Corn Stalk used as Carbon Source*, Bioresource Technology (234); 8-14

Djuma'ali, Nonot Soewarno, Sumarno, Dyah Primarini, Wahono Sumaryono, 2011, *Cassava pulp as a biofuel feedstock of an enzymatic hydrolysis process*, Makara Teknologi

Edama, Nurul Aini, Alawi Sulaiman, Siti Noraida Abd. Rahin, 2014, *Enzymatic saccharification of Tapioca processing wastes into biosugars through immobilization technology*, Biofuel Research Journal (1); 2-6

Franks CD, Burow GB, Burke JJ (2006) *A comparison of US and Chinese sorghum germplasm for early season cold tolerance*. Crop Sci 46:1371–1376

Galbe M, Zacchi G, 2011, *A review of the production of ethanol from softwood*. Appl Microbiol Biotechnol

Garrett, Reginald H., Charles M. Grisham, 2013, *Biochemistry: fifth edition*, Canada, Mary Finch

Hamelinck, C. N., Hooijdonk, G. v., & Faaij, A. P. (2005). *Ethanol from lignocellulosic biomass: techno-economic performance in short-, middle-, and long-term*. Biomass and Bioenergy, 28, 384-410.

Hodge, H. M. and F. M. Hildebrandt. 1954. *Industrial Fermentation*. Edited by Leland A. Underkofler and Richard J. Hickey. New York: Chemical Publishing Co

Horn, S.J., Eijsink, V.G.H., 2010. *Enzymatic hydrolysis of steam-exploded hardwood using short processing times*. Biosci. Biotechnol. Biochem. 74 (6), 1157–1163

Kosugi, Akihiko, Akihiko Kondo, Mitsuyoshi Ueda, Yoshinori Murata, Pilanee Vaithanomsat, Warunee Tanapase, Takamitsu Arai, Yutaka Mori, 2009, *Production of Ethanol from Cassava Pulp with a Surface-Engineered Yeast Strain Displaying Glucoamylase*, Renewable Energy (34); 1354-1358

Krylova, A. Yu, E A Kozyukov, and A L Lapidus. 2008. *Ethanol and Diesel Fuel from Plant Raw Materials : A Review*. Solid Fuel Chemistry 42 (6): 358–64.

Lang, X., MacDonald, D.,G., Hill, G. A. 2001. *Recycle Bioreactor for Bioethanol Production from Wheat Starch II: Fermentation and Economics*. Energy Sources

Limtong, Savitree, Chutima Sringiew, and Wichien Yongmanitchai. 2007. *Production of Fuel Ethanol at High Temperature from Sugar Cane Juice by a Newly Isolated Kluyveromyces Marxianus*. Bioresource Technology 98 (17): 3367–74.

Meenakshi, A., R. Kumaresan, 2014, *A Review of Production of Ethanol from Corn*, International Journals of Engineering Sciences & Research Technology (1); 64-71

Mingjun ZHU, Ping LI, Xinfang GONG & Jufang WANG 2014, *A Comparison of the Production of Ethanol between Simultaneous Saccharification and Fermentation and Separate Hydrolysis and Fermentation Using Unpretreated Cassava Pulp and Enzyme Cocktail*, Taylor & Francis

Nair, M.P.Divya, G. Padmaja, S.N. Moorthy, 2011, *Biodegradation of Cassava Starch factory Residue using a Combination of Cellulase, Xylanase, and Hemicellulase*, *Biomass and Bioenergy* (35); 1211-1218

Nanssou, Paul Alain Kouteu, Yvette Jiokap Nono, Cesar Kapseu, 2016, *Pretreatment of Cassava Stems and Peelings by Thermohydrolysis to Enhance Hydrolysis Yield of Cellulose in Bioethanol Production Process*, *Renewable Energy* (97); 252-265

Neves, P. V., A. P. Pitarelo, L. P. Ramos, 2016, *Production of Cellulosic Ethanol from Sugarcane Bagasse by Steam Explosion: Effect of Extractives Content, Acid Catalysis and Different Fermentation Technologies*, *Bioresource Technology* (208); 184-194

Nuttha Thongchul , Surapong Navankasattusas and Shang-Tian Yang, 2009, *From Raw Cassava Pulp to L-lactic Acid via Fermentation by Rhizopus Oryzae*, ResearchGate

Pietrzak, Witold, Joanna Kawa-Rygielska, 2014, *Ethanol Fermentation of Waste Bread using Granular Starch Hydrolyzing Enzyme: Effect of Raw Materials Pretreatment*, *Fuel* (134); 250-256

Polaina, Julio, Andrew P. MacCabe, 2007, *Industrial Enzymes: Structure, Function and Applications*, Valencia, Springer

Palonen, H. (2004). *Role of Lignin in the Enzymatic Hydrolysis of Lignocellulose*. Espoo.VTT Publications

Siti Hajar Mohd Azhar, Rahmath Abdulla, Siti Azmah Jambo, 2017, *Yeast in sustainable bioethanol production*. Biochemistry and Biophysics Report. ScienceDirect

Sree, N Kiran., M. Sridhar, K. Suresh, I. M. Banat, and L. Venkateswar Rao. 2000. *Isolation of Thermotolerant, Osmotolerant, Flocculating Saccharomyces Cerevisiae for Ethanol Production*. Bioresource Technology 72 (1): 43–46.

Sriroth, K, 1994. *Recent developments in cassava utilization in Thailand*. in : CIAT. *The cassava biotechnology network*. Vol II. Proc 2nd Intern. Scientific Meeting. Bogor

Su, D., Sun, J., Liu, P, and Lü, Y. *Effects of different pretreatment modes on the enzymatic digestibility of corn leaf and corn stalk*. Chinese Journal of Chemical Engineering 14 (2006) 796-801

Sun, Ye, Jiayang Cheng, 2002, *Hydrolysis of Lignocellulosic Materials for Ethanol Production: A Review*, Bioresource Technology (83); 1-11

Taherzadeh, M. J., Karimi, K. (2007). *Enzyme-based Hydrolysis Processes for Ethanol from Lignocellulosics Materials: A Review*. Bioresources, 2(4). Pp. 707-738.

Tongchul, Nuttha, Surapong Navankasattusas, Shang-Tian Yang, 2010, *Production of Lactic Acid and Ethanol bu Rhizopus oryzae Integrated with Cassava Pulp Hydrolysis*, Bioprocess Biosystem Engineering(33); 407-416

Viikari, L., Alapuranen, M., Puranen, T., Vehmaanperä, J., Siika-aho, M., 2007. *Thermostable enzymes in lignocellulose hydrolysis*, Adv. Biochem. Eng. Biotechnol. 108, 121–145

Virunanon, Chompunuch, Chanika Ouephanit, Vorakan Burapatana, Warawut Chulalaksananukul, 2013, *Cassava Pulp Enzymatic Hydrolysis Process as a Preliminary Step in Bio-Alcohols Production from Waste Starchy Resources*, Journal of Cleaner Production (39); 273-279

Walker, G. W. 1998. *Yeast Physiology and Biotechnology*. New York: John Wiley & Sons Ltd.

Walker, G. M. 2011. *Bioethanol : Science and Technology of Fuel Alcohol*. London: Ventus Publishing ApS.

Waraporn Apiwatanapiwat, Prapassorn Rughtaworn, Pilanee V, 2013, *Ethanol production at high temperature from cassava pulp by a newly isolated Kluyveromyces marxianus strain, TISTR 5925*, AIMS Energy

Winarno, F.G. 1995. *Enzim Pangan*. Penerbit PT. Gramedia Pustaka Utama. Jakarta

Wyman, Charles E., 1996, *Handbook on Bioethanol: Production and Utilization*, Washington D.C., Taylor & Francis

Wyman, C. E., Dale, B. E., Elander, R. T., Holtzapple, M., Ladisch, M. R., & Lee, Y. Y. (2005). *Coordinated development of leading biomass pretreatment technologies*. Bioresource Technology, 96, 1959e1966