

## REFERENCES

- Alba, M. J., Ruiz, G. A., Prieto, G. C. and Gutiérrez, R. F. (1987). Eficacia de la formulación enzimática en la tecnología del aceite de oliva. Composición y valoración organoléptica de los aceites obtenidos. *Grasas y Aceites*, 38, 271-277.
- Badr, F. H. and Sithohy, M. Z. (1992). Optimizing conditions for enzymatic extraction of sunflower oil. *Grasas y Aceites*, 43, 281-283.
- Bargale, P. C., Sosulski, K., and Sosulski, F. W. (2000). Enzymatic hydrolysis of soybean for solvent and mechanical oil extraction. *Journal of Food Process Engineering*, 23, 321-327.
- Bhat, M.K, (2000). Cellulases and related enzymes in biotechnology. *Biotechnology Advances*, 18, 355-383.
- Bhatnagar, S. and Johari, B. N. (1987). Microbial enzymes in the processing of oil seeds. *Current Science* 56, 775-776.
- Buentostro, M. and López-Munguía, C. A. (1986). *Enzymatic extraction of avocado oil. Biotechnol. Lett.*, 8, 505-506.
- Cantwell, B. A., Sharp, P. M., Gormley, E., Mccconnell, D. J. (1988). Molecular cloning of bacillus  $\beta$ -glucanases. In: Aubert, J. P., Beguin, P., Millet, J. (Eds.), *Biochemistry and Genetics of Cellulose Degradation*. San Diego, CA, Academic Press, 181-201.
- Chahal, D. S. (1992). Growth of selected cellulolytic fungi on wood pulp. In *Biodegradation of Materials, Microbial and Allied Aspects. Biotech. Prog.*, 9, 584-593.

- Chakrabarty, K., Kumar, A. and Menon, V. (1994). Trade in Agarwood. TRAFFIC India and WWF-India, New Delhi. Retrieved on 24 July 2007, <http://www.wwfindia.org/traffic>
- Checksum, S. Tawan, Isa Ipor and Julaihi Abdullah. *Plant Diversity: Systematic Studies and Conservation of Aquilaria Spp. (Gaharu) in Sarawak 2002*. Retrieved on 20 July 2007, <http://www.unimas.my/research/rimc/index.htm>.
- Christenson, F. M. and Olsen, H. A. S. (1988). *Method for production of an upgraded coconut product*. (UK. Patent GB-A-2115820).
- Cintra, M. O., López-Munguía, C. A. and Vernon, C. J. (1986). Coconut oil extraction by a new enzymatic process. *J. Food Sci.*, 51, 695-697.
- Converse, A. O., Matsuno, R., Tanaka, M., Taniguchi, M. (1988). A model for enzyme adsorption and hydrolysis of microcrystalline cellulose with slow deactivation of the adsorbed enzyme. *Biotechnol. Bioeng.* 32, 38-45.
- Converse, A. O., and Grethlein, H. E. (1991). Kinetics of thermochemical pretreatment of lignocellulosic materials. *Appl. Biochem. Biotechnol.* 20, 63-78.
- Coughlan, M. P. (1992). Enzymatic hydrolysis of cellulose: an overview. *Bioresour. Technol.*, 39, 107-115.
- Coughlan, M. P., and Ljungdahl, L. G., (1988). Comparative biochemistry of fungal and bacterial cellulolytic enzyme system. In: Aubert, J. P., Beguin, P., Millet, J. (Eds.), *Biochemistry and Genetics of Cellulose Degradation*, 11-30.
- Domínguez, H., Núñez, M. J. and Lema, J. M. (1994). Enzyme-assisted hexane extraction of soya bean oil. *Food Chem.*, 54, 223-231.

- Domínguez, H., Núñez, M. J., Lema, J. M., and Sineiro, J. (1996a). Optimization of the enzymatic treatment during aqueous oil extraction from sunflower seeds. *Food Chem.*, 61, 467-474.
- Domínguez, H., Núñez, M. J., Lema, J. M., and Sineiro, J. (1996b). Enzymatic treatment of sunflower kernels before oil extraction. *Food Research International*, 28, 537-545.
- Dron A., Guyer D. E., Gage D. A., Lira C. T., (1997). Yield and quality of onion flavor obtained by supercritical fluid extraction and other methods. *Journal of Food Process. Eng.*, 20, 107.
- Duff, S. J. B., and Murray, W. D. (1996). Bioconversion of forest products industry waste cellulose to fuel ethanol: a review. *Bioresour. Technol.* 55, 1-33.
- Durand, H., Baron, M., Calmels, T., Tiaby, G. (1988). Classical and molecular genetics applied to *Trichoderma reesei* for the selection of improved cellulolytic industrial strains. In: Aubert, J. P., Beguin, P., Millet, J. (Eds.), *Biochemistry and Genetics of Cellulose Degradation*. San Diego, CA, Academic Press, 135-151.
- Düsterhöft, E. M., Bonte, A. W., Venekamp, J. C. and Voragen, A. G. J. (1993). The role of fungal polysaccharidases in the hydrolysis of cell wall materials from sunflower and palm-kernel meals. *World Journal of Microbiology and Biotechnology*, 9, 544-554.
- Fan, L. T., Gharpuray, M. M. and Lee, Y. H. (1987). *Cellulose Hydrolysis*. Springer-Verlag, Berlin, Germany.
- Fullbrook, P. D. (1983). The use of enzymes in the processing of oilseeds. *Journal of the American Oil Chemists' Society*, 60, 476-478.
- Fullbrook, P. D. (1984). *Extraction of vegetable oils*. (UK Patent Application GB 2 127 425A, No 82276661).

- Gilbert and Martin (2002). *Experimental Organic Chemistry: A Miniscale and Microscale Approach*. 3<sup>rd</sup> Edition. University of Texas, Austin. Prentice Hall.
- Hsu, T., (1996). Pretreatment of biomass. In: Wyman, C. E. (Ed.), *Handbook of Bioethanol : Production and Utilization*. Taylor and Francis, Washington, DC, 179-212.
- Johnson, L. A. and Lusas, E. W. (1983). Comparison of alternative solvents for oils extraction. *Journals of the American Oil Chemists' Society*, 60, 229-242.
- Kashyap, M. C., Agrawal, Y. C., Sarker, B. C., and Singh, B. P. N. (1997). Response surface analysis of enzyme aided extraction of soybean. *Journal of Food Science and Technology*, 34(5), 386-390.
- Kashyap, M. C., Agrawal, Y. C., Ghosh, P. K., Jayas, D. S., Sarker, B. C., and Singh, B. P. N (2006). Enzymatic hydrolysis pretreatment to solvent extraction of soybrokens for enhanced oil availability and extractability. *Journal of Food Process Engineering*, 29(6), 664-674.
- Laiho, SO., Tulisao, U., Oksanen, H. and Nyström, R. (1990). *A process for the production of a vegetable-oil product*. (U.K Patent WO-A-91/13956).
- Lanzani, A., Camurati, F., Cardillo, M., Cortesi, N., Mariani, C., Fedeli, E., Ponzetti, A. and Pieralisi, G. (1983). Tecnologia di estrazione di farine a partire da semi di sunflower. Nota II. *La Rivista Italiana delle Sostanze Grasse* 60, 353-363.
- Lanzani, A., Bondioli, P., Brillo, A., Cardillo, M., Fedeli, E., Ponzetti, A. and Pieralisi, G. (1991). A wet process technology applied to jojoba seed to obtain oil and detoxified protein meal. *Journal of the American Oil Chemists' Society*, 68, 772-774.

- Marek, E., Schalinatus, E., Weigelt, E., Mieth, G., Kerns, G. and Kude, J. (1990). On the application of enzymes in the production of vegetable oil. *Progr. Biotechnol.*, 6, 471-474
- Ming C., Jing Z. and Liming X. (2007). Enzymatic hydrolysis of maize straw polysaccharides for the production of reducing sugars. *Carbohydrate Polymers*, 71, 411-415.
- Mishra, D., Shukla, A. K., Dixit, A. K. and Singh, K. (2005). Aqueous enzymatic extraction of oil from mandarin peels. *Journal of Oleo Science*, 54, 355-359.
- Nguyen, Q. A. (1993). Dilute acid hydrolysis of softwoods. *Appl. Biochem. Biotechnol.* 77-79, 133-142.
- Ohlson, R. (1992). Modern processing of rapessed. *Journal of the American Oil Chemists' Society*, 69, 195-198.
- Olsen, H. S. (1988). Aqueous enzymatic extraction of oil from seeds. *Asian Food Conference '88*. October 24-26. Bangkok, Thailand. Novo: A-06041a.
- Orpin, C. G. (1988). Genetic approaches to the improvement of lignocellulose degradation in the rumen. In: Aubert, J. P., Beguin, P., Millet, J. (Eds.), *Biochemistry and Genetics of Cellulose Degradation*. London, Academic Press, 171-179.
- Ovando, S. L., Waliszewski, K. N., and Pardio, V. T. (2005). The effect of hydration time and ethanol concentration on the rate of hydrolysis of extracted vanilla beans by commercial cellulase preparations. *International Journal of Food Science and Technology*, 40, 129-134.
- Pan, X. J., Arato, C., Gilkes, N., Gregg, D., Mabee, W., Pye, K., Xiao, Z. Z., Zhang, X., Saddler, J. (2005). Biorefining of softwoods using ethanol organosolv pulping: preliminary evaluation of process streams for manufacture of fuel-

grade ethanol and co-products. *Biotechnology and Bioengineering*, 90, 473-481.

Ramos, J. P., Breuil, C., Saddler, J. N., (1993). The use of enzyme recycling and the influence of sugar accumulation on cellulose hydrolysis by *Trichoderma* cellulases. *Enzyme Microb. Technol.* 15, 19-25.

Reverchon E., Senatore F. (1992). Isolation of Rosemary oil: comparison between hydro-distillation and supercritical CO<sub>2</sub> extraction. *Flavor Fragr J.*, 7, 227-230.

Sengupta, R. and Battacharyya, D. K. (1996). Enzymatic extraction of mustard oil and rice bran. *Journal of the American Oil Chemists' Society*, 73, 687-692.

Shimada, Y., Tominaga, T., Konishi, T., & Kiyosawa, S. (1982). Studies on the agarwood (Jinko). I. Structures of 2- (2-phenylethyl) chromone derivatives. *Chemical and pharmaceutical bulletin* 30 (10): 3791 – 3795.

Shoemaker, L. W. (1981). Solvent safety. *Journal of the American Oil Chemists' Society*, 58, 197-198.

Smith, D. D., Agrawal, Y. C., Sarker, B. C., and Singh, B. P. N. (1993). Enzymatic hydrolysis pre-treatment for mechanical expelling of soybeans. *Journal of American Oil Chemists' Society*, 70(9), 885-890.

Sosulski, K., Sosulski, F. W., and Coxworth, E. (1988). Carbohydrase hydrolysis of canola to enhance oil extraction with hexane. *Journal of American Oil Chemists' Society*, 65(3), 357-361.

Sosulski, K. and Sosulski, F. W. (1990). Quality of oil and meal from enzyme treated canola seeds. In *Proc. 33<sup>rd</sup> Annual Conference of the Canadian Institute of Food Science and Technology*. Washington, DC. 656-664.

- Sun Y. and Cheng J. Y. (2001). Hydrolysis of lignocellulosic materials for ethanol production: a review. *Bioresource Technology*, 83, 1-11.
- Tano-Debrah, K. and Ohta, Y. (1995a). Enzyme-assisted aqueous extraction of shea fat; a rural approach. *Journal of the American Oil Chemists' Society*, 72, 251-256.
- Tano-Debrah, K. and Ohta, Y. (1995b). Application of enzyme-assisted aqueous fat extraction to cocoa fat. *Journal of the American Oil Chemists' Society*, 72, 1409-1411.
- Tano-Debrah, K., Yoshimura, Y. and Ohta, Y. (1996). Enzyme-assisted extraction of shea fat: evidence from light microscopy on the degradation effects of enzyme treatment on cells of shea kernel meal. *Journal of the American Oil Chemists' Society*. 73, 449-453.
- Wen Z., Wei L. and Chen S. (2003). Hydrolysis of animal manure lignocellulosics for reducing sugar production. *Biosource Technolog.* 91, 31-39.