

DAFTAR PUSTAKA

- Ahamed, A., dan Vermette, P. 2008. Culture-based strategies to enhance cellulase enzyme production from *Trichoderma reesei* RUT-C30 in bioreactor culture conditions. *Biochemical Engineering Journal*, 40(3), 399–407.
- Ang, S. K., Shaza, E. M., Adibah, Y. A., Suraini, A. A., dan Madihah, M. S. 2013. Production of cellulases and xylanase by *Aspergillus fumigatus* SK1 using untreated oil palm trunk through solid state fermentation. *Process Biochemistry*, 48(9), 1293–1302.
- Belitz, H. D., Grosch, W., dan Schieberle, P. 2008. *Food Chemistry* (4th Ed). Berlin: Springer-Verlag.
- Blain, J. A. 1975. Industrial enzyme production. Dalam J. E. Smith dan D. R. Berry (Eds.), *The Filamentous Fungi* (pp. 193–211). London: Edward Arnold.
- Darwis, A. A., Sailah, I., Irawadi, T. T., dan Safriani. 1995. Kajian Kondisi Fermentasi pada Produksi Selulase dari Limbah Kelapa Sawit (Tandan Kosong dan Sabut) oleh *Neurospora sitophila*. *Jurnal Teknologi Industri Pertanian*, 5(3), 199–207.
- Fahmi, N. 2008. Pengolahan Tapioka Secara Industri.
- Gandjar, I., Wellyzar, S., dan Ariyanti, O. 2006. *Mikologi Dasar dan Terapan*. Jakarta: Yayasan Obor Indonesia.
- Ghose, T. K. 1987. Measurement of Cellulase Activities, 59(2), 258–268.
- Griffin, H. D. 1981. *Fungal Physiology*. New York: John Wiley and Son, Inc.
- Jane, J. L., dan Chen, J. F. 1992. Effect of amylose molecular size and amylopectin branch chain length on paste properties of starch. *J. Cereal Chemistry*, 69(1), 60–65.
- Judoamidjojo, R. M., Said, E. G., dan Hartoto, L. 1989. *Biokonversi*. Institut Pertanian Bogor, Bogor.
- Juhász, T., Kozma, K., Szengyel, Z., dan Réczey, K. 2003. Production of ??-glucosidase in mixed culture of *Aspergillus niger* BKMF 1305 and *Trichoderma reesei* RUT C30. *Food Technology and Biotechnology*, 41(1), 49–53.
- Julia, B. M., Belen, A. M., Georgina, B., dan Beatriz, F. 2016. Potential use of soybean hulls and waste paper as supports in SSF for cellulase production by *Aspergillus niger*. *Biocatalysis and Agricultural Biotechnology*, 6, 1–8.
- Kowalski, S., Marcin, L., dan Wiktor, B. 2013. Applicability of Physico-chemical Parameters of Honey for Identification of The Botanical Origin. *Acta Scientiarum Poloniarum*, 2(1), 51–59.

- Kusmiati, dan Agustini, N. W. S. 2010. Pemanfaatan Limbah Onggok untuk Produksi Asam Sitrat dengan Penambahan Mineral Fe dan Mg pada Substrat Menggunakan Kapang *Trichoderma sp.* dan *Aspergillus niger*. *Seminar Nasional Biologi*, 856–866.
- Lone, M. A., Wani, M. R., Bhat, N. A., Sheikh, S. A., dan Reshi, M. A. 2012. Evaluation of Cellulase Enzyme Secreted by Some Common and Stirring Rhizosphere Fungi of Juglans Regia L. by DNS Method. *Journal of Enzyme Research*, 3(1), 18–22.
- Maas, R. 2008. *Microbial conversion of lignocellulose-derived carbohydrates into bioethanol and lactic acid*. Wageningen University.
- Matthews, van H., dan Ahern. 2000. *Biochemistry* (3rd Ed). San Fransisco: Benjamin/Cummings.
- Maurya, D. P., Singh, D., Pratap, D., dan Maurya, J. P. 2012. Optimization of Solid State Fermentation Conditions for the Production of Cellulase by Using *Trichoderma reesei* Scholars Research Library. *European Journal of Applied Engineering and Scientific Research*, 1(4), 196–200.
- Mitchel, D., Krieger, N., dan Berovic, M. 2006. *Solid-State Fermentation Bioreactors*. Heidelberg: Springer-Verlag.
- Moo-Young, M., Moriera, A., dan Tengerdy, R. 1983. Principles of solid state fermentation. Dalam J. E. Smith dan D. R. Berry (Eds.), *The Filamentous Fungi* (4th Ed, pp. 117–144). London: Edward Arnold.
- Pandey, A., Selvakumar, P., dan Ashakumary, L. 1994. Glucoamylase production by *Aspergillus niger* on rice bran is improved by adding nitrogen source. *World. J. Microbila. Biotechnology*, 10, 348–349.
- Pandey, A., Soccol, C. R., Nigam, P., Soccol, V. T., Vandenberghe, L. P. S., dan Mohan, R. 2000. Biotechnological potential of agro-industrial residues. II. cassava bagasse. *Bioresource Technology*, 74(1), 81–87.
- Rahman, A. 1992. *Teknologi Fermentasi Industrial II*. Jakarta: Penerbit Arcan.
- Sa'adah, Z., Ika, N., dan Abdullah. 2010. *Produksi Enzim Selulase oleh Aspergillus niger dengan Substrat Jerami dengan Sistem Fermentasi Padat*. Universitas Diponegoro.
- Salam, dan Gunarto. 1999. Enzim Selulase dari *Trichoderma spp.* *Jurnal Mikrobiologi Indonesia*, 2, 10–19.
- Singhania, R. R., Sukumaran, R. K., Patel, A. K., Larroche, C., dan Pandey, A. 2010. Advancement and comparative profiles in the production technologies using solid-state and submerged fermentation for microbial cellulases. *Enzyme and Microbial Technology*, 46, 541–549.
- Suhartono. 1989. *Enzim dan Bioteknologi*. Bogor: Institut Pertanian Bogor.

- Sun, Y., dan Cheng, J. 2002. Hydrolysis of lignocellulosic materials for ethanol production: a review. *Bioresource Technology*, 83, 1–11.
- Suriadi. 1985. *Mempelajari Pengaruh Dosis Enzim Alfa Amilase dan Amiloglukosidase pada Proses Pembuatan Sirup Glukosa dari Tepung Talas (Colocasia esculenta (L) Schott)*. Institut Pertanian Bogor.
- Takagi, M., Abe, S., Suzuki, G., Emert, G., dan Yata, N. 1977. A method for production of alcohol direct from cellulose using cellulase and yeast. In *Proceedings of the Bioconversion Symposium IIT* (pp. 551–571). Delhi.
- Tanyildizi, M. S., Özer, D., dan Elibol, M. 2007. Production of Bacterial α -Amylase by *B. amyloliquefaciens* Under Solid Substrate Fermentation. *Biochemical Engineering Journal*, 37(3), 294–297.
- Thomas, L., Larroche, C., dan Pandey, A. 2013. Current developments in solid-state fermentation. *Biochemical Engineering Journal*, 81, 146–161.
- Vu, V. H., Pham, T. A., dan Kim, K. 2010. Improvement of a fungal strain by repeated and sequential mutagenesis and optimization of solid-state fermentation for the hyper-production of raw starch-digesting enzyme. *J. Microbiol Biotechnology*, 20(4), 718–726.
- Woiciechowski, A. L., Nitsche, S., Pandey, A., dan Soccol, C. R. 2002. Acid and Enzymatic Hydrolysis to Recover Reducing Sugar from Cassava Baggase: An Economic Study. *Brazilian Archives of Biology and Technology*, 45(3), 393–400.
- Yoswathana, N., Phuriphat, P., Treyawutthiwat, P., dan Eshtiagi, M. N. 2010. Bioethanol Production From Rice Straw. *Energy Research*, 1(1), 26–31.
- Zamora, A. 2011. Carbohydrates. Retrieved March 21, 2017, from <http://www.scientificpsychic.com/fitness/carbohydrates.html>
- Zhang, Q., dan Cai, W. M. 2008. Enzymatic hydrolysis of alkali-pretreated rice straw by *Trichoderma reesei* ZM4-F3. *Biomass and Bioenergy*, 32(12), 1130–1135.