

DAFTAR PUSTAKA

- Aman, La Ode. 2007. *Efektifitas Penjemuran dan Perendaman dalam Air Tawar untuk Menurunkan Kandungan Toksik HCN Ubi Hutan (*Dioscorea hispida* Dennst).* Jurusan Pendidikan Kimia, FMIPA, Universitas Negeri Gorontalo.
- Bulut, Sule, Murat Elibol, dan Dursun Ozer. 2004. *Effect of Different Carbon Sources on L(+)-Lactic Acid Production by *Rhizopus oryzae*.* Biochemical Engineering Journal, Elsevier. 21 (2004) 33-37
- Buyukkileci, Ali Oguz. 2007. *Investigation of Sugar Metabolism in *Rhizopus oryzae*.* *Disertasi. The Graduate School of Natural and Applied Sciences. Middle East Technical University.*
- Carlile, Michael J., Sarah C. Watkinson dan Graham W. Gooday. 1994. *The Fungi.* London: Academic Press, A Harcourt Science and Technology Company
- Cronk, T. C., K.H. Steinkraus, L.R. Hackler dan L.R. Mattick. 1977. *Indonesian Tape Ketan Fermentation.* Applied and Environmental Microbiology. Vol. 33 No. 5
- Datta, Rathin, Shih-Peng Tsai, Patrick Bonsignore, Seung-Hyeon Moon, James R. Frank. 1995. *Technological and Economic Potential of Poly(Lactic Acid) and Lactic Acid Derivatives.* FEMS Microbiology Reviews. 16 (1995) 221-231
- Dianing, Fenty dan Harijono. 2014. *Pengaruh Penggantian Larutan dan Konsentrasi NaHCO₃ Terhadap Penurunan Kadar Sianida pada Pengolahan Tepung Ubi Kayu.* Jurnal Pangan dan Agroindustri. Vol.2 No.4
- Domínguez, J. M. dan Vázquez, M. 1999. *Effect of The Operational Conditions on The L-Lactic Acid Production by *Rhizopus oryzae*.* Cienc. Tecnol. Aliment. Vol. 2, No. 3, pp. 113-118
- Fardiaz. 1992. *Mikrobiologi Pangan I.* PT Gramedia Pustaka Utama: Jakarta.
- Gopal, Reddy, Md. Altaf, B.J. Naveena, M. Venkateshwar, E. Vijay Kumar. 2008. *Amylolytic Bacterial Lactic Acid Fermentation—A Review.* Biotechnology Advances, Elsevier: 26 (2008) 22-34
- Huanga, Li Ping, Bo Jin, Paul Lant dan Jiti Zhou. 2005. *Simultaneous Saccharification and Fermentation of Potato Starch Wastewater to Lactic Acid by *Rhizopus oryzae* and *Rhizopus arrhizus*.* Biochemical Engineering Journal, Elsevier. 23 (2005) 265-276

- Iyer, Prashant V. dan Y.Y. Lee. 1999. *Product Inhibition in Simultaneous Saccharification and Fermentation of Cellulose Into Lactic Acid*. Biotechnology Letters. 21:371-373
- Kurniati, Lina Ika, Nur Aida, Setiyo Gunawan dan Tri Widjaja. 2012. *Pembuatan MOCAF (Modified Cassava Flour) dengan Proses Fermentasi Menggunakan *Lactobacillus plantarum*, *Saccharomyces cerevisiae* dan *Rhizopus oryzae**. Jurnal Teknik POMITS Vol. 1 No. 1
- Liao, Wei, Yan Liu dan Shulin Chen. 2007. *Studying Pellet Formation of A Filamentous Fungus *Rhizopus oryzae* to Enhance Organic Acid Production*. Applied Biochemistry and Biotechnology. Vol 136-140
- Magnuson, Jon K. dan Linda L. Lasure. 2004. *Organic Acid Production by Filamentous Fungi*. Advances in Fungal Biotechnology for Industry Agriculture and Medicine.
- Meussen, Bas J., Leo H. De Graff, Johan P. M. Sanders dan Ruud A. Weusthuis. 2012. *Metabolic Engineering of *Rhizopus oryzae* for The Production of Platform Chemicals*. Appl. Microbial Biotechnol (2012) 94:875-886
- Mienda, Bashir Sajo, Ahmad Idi dan Abdulhamid Umar. 2011. *Microbiological Features of Solid State Fermentation and Its Application*. Research in Biotechnology. ISSN: 2229-791X
- Miller, G. L. 1959. *Use of Dinitrosalicylic Acid Reagent for Determination of Reducing Sugar*. Analytical Chemistry. (31):3
- Mirasol, F. 1999. *Lactic acid Prices Falter as Competition Toughen*. Chem Market Reporter. 255,16
- Mussatto, Solange I., Lina F. Ballesteros, Silvia Martins, Jose A. Teixeira. 2012. *Use of Agro-Industrial Wastes in Solid-State Fermentation Processes*. Institute for Biotechnology and Bioengineering, Centre of Biological Engineering. University of Minho. Portugal
- Narayanan, Niju, Pradip K. Roychoudhury, Aradhana Srivastava. 2004. *L(+)* *Lactic Acid Fermentation and Its Product Polymerization*. Electronic Journal of Biotechnology ISSN: 0717-3458
- Papagianni, Maria, Sue E. Nokes dan Keith Filer. 2001. *Submerged and Solid-State Phytase Fermentation by *Aspergillus niger*: Effects of Agitation and Medium Viscosity on Phytase Production*, Fungal

Morphology and Inoculum Performance. Food Technology and Biotechnology. 39 (4) 319-326

- Papagianni, Maria. 2004. *Fungal Morphology and Metabolite Production in Submerged Mycelial Processes.* Biotechnology Advances, Elsevier. 22(2004) 189-259
- Park, Enoch Y., Pham Ngoc Anh dan Naoyuki Okuda. 2004. *Bioconversion of Waste Office Paper to L(+)Lactic Acid by The Filamentous Fungus *Rhizopus oryzae*.* Bioresource Technology. 93(2004) 77-83
- Prastyo, Dian Heru dan Wahyu Triaji. 2012. *Penurunan Sianida Umbi Gadung dengan Proses Leaching dan Pengukusan Sebagai Bahan Dasar Tepung.* Jurusan Teknik Kimia, Fakultas Teknik. Universitas Diponegoro.
- Reed, Gerald. 1975. *Enzymes in Food Processing.* New York: Academic Press
- Renge, V.C., S.V. Khedkar dan Nikita R. Nandurkar. 2012. *Enzyme Synthesis by Fermentation Method: A Review.* Scientific Reviews and Chemical Communications. ISSN: 2277-2669
- Shi, Gaofeng, Guoying Wang, Xuefu Chen, Chunlei Li. 2013. *Optically Pure L-Lactic Acid Production Directly from Leftover Bits and Pieces of Potato Starch Using an Amylolytic Pellet-Form Complex *Rhizopus oryzae* ASC081.* Journal of Applied Science and Engineering. Vol 16. 205-210
- Skory, Christopher D. 2000. *Isolation and Expression of Lactate Dehydrogenase Genes from *Rhizopus oryzae*.* Applied and Environmental Microbiology. P. 2343-2348
- Skory, Christopher D. Dan Ashraf S. Ibrahim. 2007. *Native and Modified Lactate Dehydrogenase Expression in A Fumaric Acid Producing Isolate *Rhizopus oryzae** 99-880. Springer-Verlag. 52:23-33
- Soccol, C. R., B. Marin, M. Raimbault dan J. M. Lebeault. 1994. *Breeding and Growth of *Rhizopus* in Raw Cassava by Solid State Fermentation.* Appl Microbiol Biotechnol. 41:330-336
- Subramaniam, R dan Vimala R. 2012. *Solid State and Submerged Fermentation For The Production of Bioactive Substances: A Comparative Study.* International Journal of Science and Nature. ISSN 2229-6441
- Sudarmadji, Slamet, Bambang Haryono dan Suhardi. 1996. *Analisa Bahan Makanan dan Pertanian.* Yogyakarta: Liberty

- Tasic, Marija B., Budimir V. Konstantinovic, Miodrag L.Lazic, Vlada B. Veljkovic. 2009. *The Acid Hydrolysis of Potato Tuber Mash in Bioethanol Production*. Biochemical Engineering Journal, Elsevier; 43 (2009) 208-211
- Tsao, G.T., N. J. Cao, J. Du dan C.S. Gong. 1999. *Production of Multifunctional Organic Acids From Renewable Resources*. Advances in Biochemical Engineering Biotechnology, Springer-Verlag. Vol. 65
- Vodnar, D. dan Socaciu, C. 2008. *Comparative Analysis of Lactic Acid Produced by Apple Substrate Fermentation, Using HPLC and Tecnonik Senzytec Biosensor*. Bulletin UASVM, Agriculture 65(2)/2008
- Watanabe, Tsuyoshi dan Yuji Oda. 2008. *Comparison of Sucrose-Hydrolyzing Enzymes Produced by *Rhizopus oryzae* and *Amylomyces rouxii**. Biosci. Biotechnol. Biochem., 72 (12) 3167-3173
- Wee, Young-Jung, Jin-Nam Kim dan Hwa-Won Ryu. 2006. *Biotechnological Production of Lactic Acid and Its Recent Applications*. Food Technol. Biotechnol. 44 (2) 163-172
- Winarno, F.G. 1982. *Kimia Pangan dan Gizi*. Jakarta: PT. Gramedia
- Yastanto, Anang Juni. 2014. *Pengaruh Fermentasi *Rhizopus oryzae* AT3 dengan Penambahan $CaCO_3$ Terhadap Sifat Pengembangan Tepung Singkong (*Manihot esculenta*)*. Universitas Widya Mataram Yogyakarta. Tidak Diterbitkan
- Yen, Hong-Wei, Tsia-Ju Chen, Wei-Chin Pan dan Hsien-Jen Wu. 2010. *Effects of Neutralizing Agents on Lactic Acid Production by *Rhizopus oryzae* Using Sweet Potato Starch*. World J Microbiol Biotechnol. 26:437-441
- Yin, Longfei, Qicheng Ruan dan Yongqian Fu. 2013. *Strain Improvement of *Rhizopus oryzae* for Over-Production of Lactic Acid by Random Mutations*. African Journal of Microbiology Research, Academic Journal. Vol. 7 (23), pp. 2970-2975
- Zhang, Z.Y., B. Jin dan J.M. Kelly. 2007. *Production of Lactic Acid and Byproducts from Waste Potato Starch by *Rhizopus arrhizus*: role of nitrogen sources*. World Journal of Microbiology and Biotechnology. 23:229-236
- Znidarsic, Polona dan Aleksander Pavko. 2001. *Morphology of Filamentous Fungi in Submerged Cultivations as A Bioprocess Parameter*. Food Technol. Biotechnol. 39 (3) 237-252