

## DAFTAR PUSTAKA

- Abd El-Hack, M. E., M. T. El-Saadony, M. E. Shafi, S.Y. A Qattan, G. E. Batiha, A. F. Khafaga, A. M. E. Abdel-Moneim, and Alagawany, M. 2020. Probiotics in poultry feed: A comprehensive review. *Journal of Animal Physiology and Animal Nutrition*, 104(6), 1835–1850.
- Abedi, E., S. M. B. Hashemi. 2020. Lactic acid production – producing microorganisms and substrates sources-state of art. *Heliyon*, 6(10), e04974.
- Adawiyah, S. R., Hafsan, F.Nur., M. Halifah., and Mustami. 2015. Ketahanan Bakteri Asam Laktat Asal Dangke Terhadap Garam Empedu Sebagai Kandidat Probiotik. *Prosiding Seminar Nasional Mikrobiologi Kesehatan Dan Lingkungan*, 2, 95–100.
- AFRC, R. F. 1989. Probiotics in man and animals. *Journal of Asampel 3lied Bacteriology*, 66(5), 365–378.
- Ahlawat, O. P and M. P Sagar. 2007. *Management of Spent Mushroom Substrate*. 213. National research centre for mushroom. Indian Council of Agricultural Reseach. Chambaghat. Solan 173-213.
- Achmad, Mugiono, A. Arlianti., dan A. Chotimatul. 2011. *Panduan Lengkap Jamur*. Jakarta: Penebar Swadaya.
- Anisa, N., M. Yunan, T. Y. Shin, and V. Sabaratnam. 2021. *Upcycling the Spent Mushroom Substrate of the Grey Oyster Mushroom Pleurotus pulmonarius as a Source of Lignocellulolytic Enzymes for Palm Oil Mill Effluent Hydrolysis*. 31(6), 823–832.
- Astuti, F. K., W. Busono, and O. Sjojjan. 2015. Pengaruh Penambahan Probiotik Cair dalam Pakan Terhadap Penampilan Produksi Pada Ayam Pedaging. *Pembangunan Dan Alam Lestari*, 6(2), 99–104.
- Aygan, A. and B. Arikan. 2007. An Overview on Bacterial Motility Detection. *Int. J. Agri. Biol.* Vol 9 (1) : 193-196.
- Bergey, D.H., and D.R Boone. 2009. *Bergey's Manual of Systematic Bacteriology, Vol.3, Ed.2*, 655, Springer Science-Business Media, New York.
- BPS. 2021. Sumatera Barat Dalam Angka 2021. *Berita Resmi Badan Pusat Statistik*, 2.
- Cappuccino, J.G and N. Sherman. 2005. *Microbiology a Laboratory Manual. 7<sup>th</sup> Ed.* Pearson Education, Inc. publishing as Benjamin Cummings, San Fransisco. CA

- Cerda, A., A. Artola., X. Font., R. Barrena and T. Gea. 2017. Composting of food wastes : Status and challenges. *Bioresource Technology*.
- Chan, J. S. L., M.D. Asatiani., L. Sharvit., B. Trabelcy., G.S. Barseghyan., and S.P. Wasser. 2015. Chemical composition and medicinal value of the new ganoderma tsugae var. jannieae CBS-120304 medicinal higher basidiomycete mushroom. *International Journal of Medicinal Mushrooms*, 17(8), 735–747.
- Chatterjee, S., S. Sharma, R. K. Prasad, S. Datta, D. Dubey, M. K. Meghvansi, M. G. Vairale, and V. Veer. 2016. Cellulase Enzyme based Biodegradation of Cellulosic Materials: An Overview. *South Asian Journal of Experimental Biology*, 5(6), 271–282.
- Christea, M., G.I. Zervakis., and N.Kalogeropoulos. 2020. *Free Amino Acids in Three Pleurotus Species*. *Molecules*. 25, 4015;
- D'rose, V., T. K. Johny., and S. Bhat. 2019. Comparative analysis of metagenomic DNA extraction methods from gut microbiota of zebrafish (*Danio rerio*) for downstream next-generation sequencing. *Journal of Asampel 3lied Biology and Biotechnology*, 7(1), 11–15.
- Das, D., M. Kadiruzzaman, S. Adhikary, M. Kabir, and M. Akhtaruzzaman. 2014. Yield performance of oyster mushroom (*Pleurotus ostreatus* L.) on different substrates. *Bangladesh Journal of Agricultural Research*, 38(4), 613–623.
- Degrading, P., A. Akhdiya., E. Sulaeman, and I. M. Samudra. 2018. *Karakterisasi Bakteri Pendegradasi Profenofos*. 14(1), 37–46.
- Dejene, F., B.R Dadi and D. Tadesse. 2021. In Vitro Antagonistic Effect of Lactic Acid Bacteria Isolated from Fermented Beverage and Finfish on Pathogenic and Foodborne Pathogenic Microorganism in Ethiopia. *Int J Microbiol*. 5370556.
- Deshmukh, A. S. 2019. *Spent Mushroom Substrate : a Treasure of Nutrients*. 21(4), 1024–1027.
- Dutta, S., and K.C.Wu. 2014. *Enzymatic breakdown of biomass : enzyme active*. August 2008, 2006–2008.
- Eviati dan Sulaeman. 2009. *Analisis kimia tanah, tanaman, air dan pupuk*. 2 ed. diedit oleh dan L. R. W. B.H. Prasetyo, Djoko Santoso. Balai Penelitian Tanah: Bogor
- Ezema. 2013. Probiotics in animal production : A review. *Journal of Veterinary Medicine and Animal Health*, 5(11), 308–316.

- Faizah, M., T.Ardyanti., and Suharjono. 2020. Isolation and Identification of Indigenous Cellulolytic Bacteria from Sago Pith Waste at Palopo, South Sulawesi, Indonesia. *J.Exp.Life Science*. Vol 10 (2)
- Fathima, S., R. Shanmugasundaram., D. Adams, and R.K. Selvaraj. 2022. Gastrointestinal Microbiota and Their Manipulation for Improved Growth and Performance in Chickens. *Foods*, 11(10), 1–30.
- Fatoni, A., Zufahair dan P. Lestari. 2008. Isolasi dan Karakterisasi Protease Ekstraseluler dari Bakteri dalam Limbah Cair Tahu. *Natur Indonesia* 10 (2): 83-88.
- Febrina, N. N. T., S. Bahri. and D. A. C. Rasmi. 2019. Jurnal Ilmiah Pendidikan Indonesia Volume 1 No. 1 Juni 2019. *Jurnal Ilmiah Pendidikan Indonesia*, 1(1), 7–14.
- Fijan, S. 2014. Microorganisms with Claimed Probiotic Properties : *An Overview of Recent Literature*. 4745–4767.
- Gomes, R. J., M. de F Borges., M. de F Rosa., R. J. H, Castro-Gómez., and W. A. Spinosa. 2018. Acetic acid bacteria in the food industry: Systematics, characteristics and applications. *Food Technology and Biotechnology*, 56(2), 139–151.
- Gong, X., S. Li, M. A. Carson, S. X. Chang, Q. Wu, L. Wang, Z. An, and X. Sun. 2019. Spent mushroom substrate and cattle manure amendments enhance the transformation of garden waste into vermicomposts using the earthworm *Eisenia fetida*. *Journal of Environmental Management*, 248(July), 109263.
- Gupta, P., K. Samant and A. Sahu. 2010. Isolation of Cellulose-Degrading Bacteria and Determination of Their Cellulolytic Potential. Hindawi Publishing Corporation. *International Journal of Microbiology*. Volume 2012, Article ID 578925, 5 pages doi:10.1155/2012/578925
- Gupta, R., K. Jeevaratnam, and K. Fatima. 2018. Lactic Acid Bacteria : Probiotic Characteristic , Selection Criteria , and its Role in Human Health. *Journal of Emerging Technologies and Innovative Research*, 5(10), 411–424.
- Guo, M., Chorover, J., Rosario, R., and Fox, R. H. (2001). Leachate Chemistry of Field-Weathered Spent Mushroom Substrate. *Journal of Environmental Quality*, 30(5), 1699–1709.
- Hao, W., P. Tian., M. Zheng., H. Wang., and C. Xu. 2020. Characteristics of proteolytic microorganisms and their effects on proteolysis in total mixed ration silages of soybean curd residue. *Asian-Australasian Journal of Animal Sciences*, 33(1), 100–110.

- Hasibuan, M. A., F. Restuhadi, and E. Rossi. 2017. Uji Aktivitas Enzim Selulolitik Dari Bekicot (*Achatina Fulica*) Pada Beberapa Substrat Limbah Pertanian. *Jurnal Online Mahasiswa Fakultas Pertanian Universitas Riau* 4(1):1–12.
- Hernandez, N., and F. Gonzalez. 2000. *Enzymatic Treatment of Rice Bran to Improve Processing*. 77(2), 177–180.
- Hoa, H. T., C. L. Wang, and C. H. Wang. 2015. The effects of different substrates on the growth, yield, and nutritional composition of two oyster mushrooms (*Pleurotus ostreatus* L. and *Pleurotus cystidiosus*). *Mycobiology*, 43(4), 423–434.
- Husmaini, M. H. Abbas, E. Purwati, A. Yuniza, and A.R. Alimon. 2011. Growth and survival of lactic acid bacteria isolated from byproduct of virgin coconut oil as probiotic candidate for poultry. *International Journal of Poultry Science*, 10(4), 309–314.
- Imelda, Periadnadi, dan Nurmiati. 2015. Pengaruh Pencucian Media Serbuk Gergaji Terhadap Keberadaan dan Aktivitas Beberapa Enzim Media dan Tubuh Buah Jamur Tiram Putih. *Online Jurnal of Natural Science*. Vol 4(3) :310-321 ISSN: 2338-0950
- Imran, M., Z. Anwar., M. Irshad, M. J. Asad., and H. Ashfaq. 2016. Cellulase Production from Species of Fungi and Bacteria from Agricultural Wastes and Its Utilization in Industry: A Review. *Advances in Enzyme Research*, 04(02), 44–55. <https://doi.org/10.4236/aer.2016.42005>
- Jamilah, I., A. Meryandini, I. Rusmana, A. Suwanto dan N. R. Mubarik. 2009. Activity Proteolytic and Amyolytic Enzymes From *Bacillus* spp. Isolated Fromp Shrimp Ponds. *Journal Microbiology Indonesia*. 3 (2) : 67-71.
- Janusz, G., A. Pawlik., J. Sulej., U.S. Burek., A.J. Wilkołazka., and A. Paszczynski. 2017. Lignin Degradation: Microorganisms, Enzymes Involved, Genomes Analysis And Evolution. *FEMS Microbiology Reviews* fux. 049 41, 941–962.
- Jaelani. A., G. S. S Aam. 2014. Pengaruh Penambahan Probiotik Starbio Dalam Ransum Terhadap Bobot Potong, Persentase Karkas Dan Persentase Lemak Abdominal Ayam Broiler. *Ziraa'ah*, 39 (2), 9–25.
- Jha, R., J. M. Fouhse., U. P. Tiwari., L. Li and B. P Willing. 2019. Dietary fiber and intestinal health of monogastric animals. *Frontiers in Veterinary Science*, 6(MAR), 1–12.
- Kampai, S. 2022. <https://kabarmalang.id/read/berkat-cuaca-lembab-padang-panjang-saung-jamur-hasilkan-omzet-puluhan-juta>

- Karthika D. S., N. Prabhu., S. Monika., N. M. Swapna., S. Vaishali., and T. Gajendran. 2020. Sequestration and purification of essential enzyme from *Pleurotus florida* compost waste and its asampel 3lication studies. *Journal of Asampel 3lied Biology and Biotechnology*, 8(1), 64–68.
- Kim, Y.-I., and W.S., Kwak. 2012. Isolation and Identification of Lactic Acid Bacteria from Spent Mushroom Substrate for Silage Making and Determination of Optimal Medium Conditions for Growth. *Journal of Animal Science and Technology*, 54(6), 435–442.
- Kumar, A and R. Chandra. 2020. Ligninolytic enzymes and its mechanisms for degradation of lignocellulosic waste in environment. *Heliyon*, 6(2), e03170.
- Lay, B. W. 1994. *Analisis Mikrobiologi di Laboratorium. Edisi 1*. Raja Grafindo Persada, Jakarta
- Lim, S. H., Y. H. Lee, and H. W. Kang. 2013. Efficient recovery of lignocellulolytic enzymes of spent mushroom compost from oyster mushrooms, *Pleurotus ssampel 3.*, and potential use in dye decolorization. *Mycobiology*, 41(4), 214–220.
- Lynd, L. R., P. J. Weimer., W. H. Zyl., Van, and S. Isak. 2002. Microbial Cellulose Utilization: Fundamentals and Biotechnology Microbial Cellulose. *Microbiology and Molecular Biology Reviews*, 66(3), 506–577.
- Marlina. 2008. Identifikasi bakteri *Vibrio parahaemolyticus* dengan metode biolog dan deteksi gen *ToxRnya* secara PCR. *J. Sains Teknologi Farmasi* 13:11-17.
- Mokoena, M. P. 2017. Lactic acid bacteria and their bacteriocins: Classification, biosynthesis and applications against uropathogens: A mini-review. *Molecules*, 22(8).
- Mortada, A. N., M. H. Bolhassan., and R. Wahi. 2020. Physicochemical composition of spent oyster mushroom substrate. *Malaysian Journal of Analytical Sciences*, 24(6), 848–854.
- Morales, M., Garc, C. A., Pintor-ibarra, L. F., Alvarado-flores, J. J., Vel, B., and Rutiaga-quñiones, J. G. 2021. *Evaluation and Characterization of Timber Residues of Pinus ssampel 3 . as an Energy Resource for the Production of Solid Biofuels in an Indigenous Community in Mexico*.
- Mumpuni, A., N. Ekowati., P. Purnomowati, and E.S. Purwati. 2017. Growth and Protein Content Establishment of *Pleurotus ostreatus L.* on Liquid and Solid Medium. *Biosaintifika: Journal of Biology and Biology Education*, 9(3), 572.
- NRCS. 2012. Animal Diets and Feed Management. *United States Department of Agriculture Natural Resources Conservation Service*, 8, 1–14.

- Nurhajadi, M.Y dan E.L.Martawijaya. 2011. *Sukses Bisnis Jamur Tiram di Rumah Sendiri*. IPB Press. Bogor.
- Novak, S., S. Moehn., M. Yegan and D. Korver. 2010. Monogastric nutrition. *Animal and Plant Productivity*, 109–160.
- Oliver, J. 2017. Introduksi Pembuatan Pelet Hijauan pakan Ternak Ruminansia di Arjasari Kabupaten Bandung. *Jurnal Pengabdian Kepada Masyarakat*, 1, 244–247.
- Oramahi, H. A., P. Darmadji dan Haryadi. 2003. Optimasi Kadar Asam dalam Asap Cair dari Kayu Karet dengan RSM. *Agrosains*, XVI (1)
- Osek, J. 2004. Phenotypic and Genotypic Characterization of Escherichia coli O157 strains isolated from human, cattle, and pigs. *Vet. Med-Czetch*. 9:317-326
- Parakkasi, A. 1995. *Ilmu Nutrisi dan Makanan Ternak Ruminan*. UI-Press, Jakarta.
- Pent, M., K. Pöldmaa and M. Bahram. 2017. *Bacterial Communities in Boreal Forest Mushrooms Are Shaped Both by Soil Parameters and Host Identity*. 8(May), 1–13.
- Periadnadi. 2003. Vorkommen und Stoffweschelleistungen von Bakterien der Gattungen Acetobacter und Gluconobacter whrend der Weinbereitung unter Berucksichtigung des Zucker-Sure-Stoffweschels. *Dissertation*. Vorgelegt beim Fachbereich Biologie und Informatik der Johan Wolfgang Goethe-Universitat in Frakfurt am Main. Frankfurt.
- Periadnadi. 2005. Hubungan antara komposisi ragi tapai dan beberapa daerah di sumatera barat dengan tapai yang dihasilkannya. “*Regularly Scientific Seminar*” TPSDP Batch III. FMIPA: Universitas Andalas
- Periadnadi dan Nurmiati. 2010. Mikroflora indigenus pada Buah-Buahan. Jurusan Biologi FMIPA UNAND. Padang (*unpublished*)
- Plumstead, P.W. and J. Brake. 2003. Sampling for confidence and profit. *Feed Managemen* : 21-23.
- Putri, L.D. 2020. Kampung Jamur Sebagai Bentuk Pemberdayaanmasyarakat Di Cikarau Kelurahan Dadok Tunggul Hitam Kecamatan Koto Tengah Kota Padang. *Jurnal Comm-Edu*. Volume 3 Nomor 2. ISSN : 2622-5492
- Quinto, E. J., P. Jiménez., I. Caro., J. Tejero., J. Mateo and T. Girbés. 2014. Probiotic Lactic Acid Bacteria: A Review. *Food and Nutrition Sciences*, 05(18), 1765–1775.

- Rahayu, F.P. dan E. Zulaika. 2017. *Azotobacter* Sebagai Agen *Biofertilizer* Berbentuk Granul. *Jurnal Sains dan Seni ITS*. 6(2): 32-36
- Rahmah. 2016. Karakteristik Kompos Berbahan Dasar Limbah Baglog Jamur Tiram (Kajian Konsentrasi Em4 Dan Kotoran Kambing). *Jurnal Industria*, 4(1), 1–9.
- Ramadhani, S.Y., Periadnadi., dan Nurmiati. 2020. Isolasi dan Karakterisasi Isolat Bakteri Indegenous Pemfermentasi Pulp Tiga Varietas Kakao (*Theobroma cacao* L.) *Jurnal Biopropal Industri*. Vol 11 (1): 49-57
- Raveschot, C., B. Cudennec., F. Coutte., C. Flahaut., M. Fremont., D. Drider and P. Dhulster. 2018. Production of bioactive peptides by lactobacillus species: From gene to application. *Frontiers in Microbiology*, 9(OCT), 1–14.
- Ravindran, V. 2015. *Feed enzymes: The science, practice, and metabolic realities I*. April.
- Renugadevi, R., M.P. Aryyasampel 3adas., P.H. Preethy., S. Savetha. 2011. Isolation, Screening And Induction Of Mutation In Strain For Extracellular Lignin Peroxidase Producing Bacteria From Soil And Its Partial Purification. *J. Res. Biol*. 4, 312–318.
- Rocha, F., V. John., and A. Pecchia. 2021. Bacterial Community Patterns in the *Agaricus bisporus* Cultivation System, from Compost Raw Materials to Mushroom Caps. *Microbial Ecology*, 0123456789.
- Rolanda, V.R., W. Nasrul and Yuliesi. 2022. Analisis Sistem Pemasaran Jamur Tiram Di Kecamatan Payakumbuh Utara Kota Payakumbuh. *MENARA Ilmu*. Vol. XVI No.02. ISSN 1693-2617
- Salam T, M., and R. A. E. N. Muis. 2006. Peternakan Ayam Broiler Pola Kemitraan. *Jurnal Agrisistem*, 2. ISSN 1858-4330
- Sanchez, C. 2009. Lignocellulosic residues: biodegradation and bioconversion by fungi. *Biotechnol. Adv.* 27, 185–194.
- Sánchez, C. 2010. Cultivation of *Pleurotus ostreatus* L. and other edible mushrooms. *Asampel 3lied Microbiology and Biotechnology*, 85(5), 1321–1337.
- Satter, M., H. Ara., S. Jabin., N. Abedin., K. Azad., A. Hossain and U. Ara. 2014. Nutritional Composition and Stabilization of Local Variety Rice Bran BRRI-28. *International Journal of Science and Technology*, 3(5), 306–313.
- Schubiger, C. B., L. H. Orfe., P. S. Sudheesh., K. D. Cain., D. H. Shah., and D. R.

- Calla. 2015. Entericidin is required for a probiotic treatment (*Enterobacter* sp. Strain C6-6) to protect trout from cold-water disease challenge. *Applied and Environmental Microbiology*, 81(2), 658–665.
- Sharma, H. R., G. S. Chauhan and K. Agrawal, K. 2004. Physico-chemical characteristics of rice bran processed by dry heating and extrusion cooking. *International Journal of Food Properties*, 7(3), 603–614.
- Singh, A. D., S. Vikineswary., N. Abdullah, and M. Sekaran. 2011. Enzymes from spent mushroom substrate of *Pleurotus sajor-caju* for the decolourisation and detoxification of textile dyes. *World Journal of Microbiology and Biotechnology*, 27(3), 535–545.
- Stellmach, B., W. Gottschick, F. Batterman dan K. Zabel. 1988. *Bestimmungsmethoden Enzyme For Pharmazie, Lebensmittelchemie, Technik, Biochemie, Biologie, Medizin*. Steinkopf Verlag Darmstadt. Stadtgen. Jerman
- Sudarmadji, S. 2003. *Mikrobiologi Pangan*. Yogyakarta: PAU Pangan dan Gizi UGM
- Sudarmadji, S., B. Haryono dan Suhardi. 1984. *Prosedur Analisa untuk Bahan Makanan dan Pertanian Edisi Ketiga*. Liberty. Yogyakarta.
- Sulmiyati., N. S. Said., D.U. Fahrodi., R. Malaka and F. Maruddin. 2018. The characteristics of lactic acid bacteria isolated from Indonesian commercial kefir grain. *Malaysian Journal of Microbiology*, 14(7), 632–639.
- Susanti, A., Periadnadi, dan Nurmiati. 2017. Isolation And Characterization Of Natural Bacteria Of Catfish Digestive (*Pangasius hypophthalmus*) As A Probiotic Candidate. *Journal of Biological Sciences*, 255(2), 247–255.
- Sutikno, Marniza, Selviana, dan N. Musita. 2016. Pengaruh Konsetrasi Enzim Selulase,  $\alpha$ -Amilase dan Glukoamilase Terhadap Kadar Gula Reduksi Dari Onggok. *Jurnal Teknologi Industri Dan Hasil Pertanian*, 21(1), 1–12.
- Suwannarach, N., J. Kumla., and Y. Zhao. 2022. *Impact of Cultivation Substrate and Microbial Community on Improving Mushroom Productivity : A Review*. 1–27.
- Svihus, B and K. Itani. 2019. Intestinal Passage and Its Relation to Digestive Processes. *Journal of Asampel 3lied Poultry Research*, 28(3), 546–555.
- Tien M dan K.T. Kirk. 1984. Lignin degrading enzyme from *Phanerochaete chrysosporium*: purification, characterization, and catalytic properties of a unique H<sub>2</sub>O<sub>2</sub>-requiring oxygenase. *Proc Natl Acad Sci*. 81: 2280-2284.
- Unadi, Asta, R. Y. Gultom, dan E. Sukasih. 2007. Rekayasa Teknologi Mesin Pengepres Pakan Blok. *Jurnal Enjiniring Pertanian*. Vol 5 (1) : 35 – 44.



- Umashankar, N., H. M, Meghashree., P. S, Benherlal and M. Chavan. 2018 *Isolation and Screening of Lignin Degrading Bacteria from Different Natural and Organic Sources*. 7(12), 609–617.
- Vadhani, V. 2000. Triple Sugar Iron Agar. *HiMedia Laboratories*, <https://legacy.bd.com/europe/regulatory/Assets/IFU/HB/CE/PA/ESPA-254458.pdf>
- Wang, B., Y. Shao and F. Chen. 2015. Overview on mechanisms of acetic acid resistance in acetic acid bacteria. *World Journal of Microbiology and Biotechnology*, 31(2), 255–263.
- Wang, Y., J. Wu., M, Lv., Z. Shao., M. Hungwe., J. Wang., X. Bai.,J. Xie., Y. Wang, and W. Geng. 2021. *Metabolism Characteristics of Lactic Acid Bacteria and the Expanding Asampel 3lications in Food Industry Degradation of Indigestible*. 9(May), 1–19.
- Wendy, F. T., M. L. K. A. Hena., S. K. Wong., M. H. Idris., S. M. Sharifuzzaman., and M. Y. Ina-Sahvany. 2014. *Enterobacter ludwigii*, a candidate probiont from the intestine of Asian seabass. *Journal of Science and Technology in the Tropics*, 10(1), 5–14.
- Wong, D. W. S. 2009. Structure and action mechanism of ligninolytic enzymes. In *Asampel 3lied Biochemistry and Biotechnology* (Vol. 157, Issue 2).
- Wuri, C. K. and H. Supratman. 2015. *Pengaruh Temperatur Dan Kadar Air Pembuatan Pellet Terhadap Kecernaan Bahan Kering*. 3, 1–9.
- Yunita, L. 2020. Karakterisasi dan Potensi *Trichoderma* ssampel 3 Asal Tanaman Pelindung Pada Produk Biang Spora Dan Biang Enzim Dalam Penanganan Sampah Organik Tanaman Pelindung. *Tesis*. Padang. Universitas Andalas.
- Yusmarini, R. Indrati., T. Utami., dan Y. Marsono, 2010. Kemampuan susu kedelai yang difermentasi oleh *Lactobacillus plantarum* 1 dalam mengikat asam empedu. *Majalah Farmasi Indonesia*, 21(3), 202 – 208.