



DAFTAR PUSTAKA

- Abedi, E. and Hashemi, S. M. B. (2020) ‘Lactic acid production – producing microorganisms and substrates sources-state of art’, *Heliyon*, 6(10), pp. 1-32. doi: 10.1016/j.heliyon.2020.e04974.
- Aliya, H., Maslakah, N., Numrapi, T., Buana, A. P. dan Hasri, Y. N. (2016) ‘Pemanfaatan asam laktat hasil fermentasi limbah kubis sebagai pengawet anggur dan stroberi’, *Bioedukasi: Jurnal Pendidikan Biologi*, 8(2), pp. 23-28. doi: 10.20961/bioedukasi-uns.v9i1.3878.
- Assemie, A. and Abaya, G. (2022) ‘The effect of edible mushroom on health and their biochemistry’, *International Journal of Microbiology*, 2022, pp. 1-7.
- Ataee, R. A., Habibian, S., Mehrabi-Tavana, A., Ahmadi, Z., Jonaidi, N. and Salesi, M. (2014) ‘Determination of vancomycin minimum inhibitory concentration for ceftazidime resistant streptococcus pneumoniae in Iran’, *Annals of Clinical Microbiology and Antimicrobials*, 13(1), pp. 1–8. doi: 10.1186/s12941-014-0053-1.
- Ayivi, R. D. Gyawali, R., Krastanov, A., Aljaloud, S. O., Worku, M., Tahergorabi, R., Claro da Silva, R., and Ibrahim, S. A. (2020) ‘Lactic acid bacteria: food safety and human health applications’, *Dairy*, 1(3), pp. 202–232. doi: 10.3390/dairy1030015.
- Bahar, Y. H., Saskiawan, I. and Susilowati, G. (2022) ‘Potensi jamur pangan sebagai pangan fungsional untuk meningkatkan daya tahan tubuh manusia’, *Jurnal Agroekoteknologi dan Agribisnis*, 6(1), pp. 45–58. doi: 10.51852/jaa.v6i1.533.
- Bartkiene, E., Zokaityte, E., Starkute, V., Mockus, E., Klupsaite, D., Lukseviciute, J., Bogomolova, A., Streimikyte, A. and Ozogul, F (2022) ‘Biopreservation of wild edible mushroom (*Boletus edulis*, *Cantharellus*, and *Rozites caperata*) with lactic acid bacteria possessing antimicrobial properties possessing antimicrobial properties’, *Foods*, 2022(11), pp. 1-18. doi: 10.3390/foods11121800.
- Bartkiene, E., Zarovaite, P., Starkute, V., Mockus, E., Zokaityte, E., Zokaityte, G., Rocha, J. M., Rubys, R. and Klupsaite, D. (2023) ‘Changes in lacto-fermented *Agaricus bisporus* (white and brown varieties) mushroom characteristics, including biogenic amine and volatile compound formation’, *Foods*, 2023(12), pp. 1–20. doi: 10.3390/foods12132441.
- Boylu, M., Hitka, G. and Kenesei, G. (2023) ‘Effect of alternative pre-treatments and fermentation on quality characteristics of oyster mushrooms’, 19, pp. 35–45. doi: 10.1556/446.2023.00080.
- Chauhan, G., Prasad, S., Rathore, H. and Sharma, S. (2017) ‘Nutritional profiling and value addition of products from *Hypsizygus tessellatus*’, *Food Biology*, 6, pp. 1-6. doi: 10.19071/fbiol.2017.v6.3139.
- Chen, G., Gao, H., Wu, W., Chen, H., Fang, X., Han, Y. and Mu, H. (2017) ‘Volatile components of white *Hypsizygus marmoreus* detected by electronic nose and HS- SPME-GC-MS : influence of four drying methods’, *International Journal of Food Properties*, 20(12), pp. 2901–2910. doi: 10.1080/10942912.2016.1258575.
- Choi, H. S., Kim, Ji-Hyang., Kim, Su-Lim., Deng, Hong-Yuan., Lee, D., Kim, C.



- S., Yun, Bong-Sik. and Lee, Dong-Sun. (2018) ‘Catechol derived from aronia juice through lactic acid bacteria fermentation inhibits breast cancer stem cell formation via modulation Stat3/IL-6 signaling pathway’, *Molecular Carcinogenesis*, 57(11), pp. 1467–1479. doi: 10.1002/mc.22870.
- Ding, Z., Johanningsmeier, S. D., Price, R., Reynolds, R., Truong, Van-Den., Payton, S. C. and Breidt, F. (2018) ‘Evaluation of nitrate and nitrite contents in pickled fruit and vegetable products’, *Food Control*, 90, pp. 304–311. doi: 10.1016/j.foodcont.2018.03.005.
- El-Ghwas, D. E., Elkhateeb, W. A., Akram, N. and Daba, G. M. (2021) ‘Yeast as biotechnological tool in food industry’, *Open Access Journal of Pharmaceutical Research*, 5(3), pp. 1-6. doi: 10.23880/oajpr-16000243.
- El-Ramady, H., Abdalla, N., Badgar, K., Lianaj, X., Toros, G., Hajdu, P., Eid, Y. and Prokisch, J. (2022) ‘Edible mushrooms for sustainable and healthy human food: nutritional and medicinal attributes’, *Sustainability*, 14(149), pp. 1-30. doi: 10.3390/su14094941.
- Emmawati, A., Rizaini, R. and Rahmadi, A. (2020) ‘Changes the population of total bacteria , lactic acid bacteria , mold / yeast , titratable acid and sensory response of durian yoghurt’, *Journal of Tropical AgriFood*, 2(2), pp. 79–89.
- Erdiandini, I., Sunarti, T. C. and Meryandini, A. (2015) ‘Seleksi bakteri asam laktat dan pemanfaatannya sebagai starter kering menggunakan matriks tapioka asam’, *Jurnal Sumberdaya Hayati*, 1(1), pp. 26–33. doi: 10.29244/jsdh.1.1.26-33.
- Esmaeilzadeh, P., Darvishi, S., Assadi, M. M., Mirahmadi, F. and Arashrad, F. (2013) ‘Effect of lactic acid bacteria inoculation on nitrite concentration of fermented sausage in fermentation and ripening periods’, *Middle East Journal of Scientific Research*, 13(11), pp. 1455–1464. doi: 10.5829/idosi.mejsr.2013.13.11.1373.
- Food and Drug Administration. *Guidelines for the Assessment of Microbiological Quality of Processed Foods*. Philippines: FDA, Februari 2013.
- Franco, W. and Pérez-díaz, I. M. (2012) ‘Role of selected oxidative yeasts and bacteria in cucumber secondary fermentation associated with spoilage of the fermented fruit’, *Food Microbiology*, 32(2), pp. 338–344. doi: 10.1016/j.fm.2012.07.013.
- Gao, Y., Li, D. and Liu, X. (2014) ‘Bacteriocin-producing *Lactobacillus sakei* C2 as starter culture in fermented sausages’, *Food Control*, 35(1), pp. 1–6. doi: 10.1016/j.foodcont.2013.06.055.
- Gao, Z., Daliri, E. Banan-Mwine., Wang, J., Liu, D., Chen, S., Ye. X. and Ding, T. (2019) ‘Inhibitory effect of lactic acid bacteria on foodborne pathogens: a review’, *Journal of Food Protection*, 82(3), pp. 441-453. doi: 10.4315/0362-028X.JFP-18-303.
- Geremew, T., Kebede, A. and Andualem, B. (2015) ‘The role of spices and lactic acid bacteria as antimicrobial agent to extend the shelf life of metata ayib (traditional Ethiopian spiced fermented cottage cheese)’, *Journal of Food Science and Technology*, 52(9), pp. 5661–5670. doi: 10.1007/s13197- 014-1694-y.
- Global Biodiversity Information Facility (GBIF). 2022. Spesies *Hypsizygus tessulatus*. <https://www.gbif.org/species/142402646>. [diakses pada 28 Maret 2023 pukul 19.17 WIB]



- Gunawan, S., Rahmawati, N., Larasati, N. B., Dwitasari, I., Aparamarta, H. W. and Widjaja, T. (2021) ‘Reaction kinetics of lactic acid fermentation from bitter cassava (*Manihot glaziovii*) starch by *Lactobacillus casei*’, *Indonesian Journal of Biotechnology*, 26(1), pp. 7–14. doi: 10.22146/IJBIOTECH.54119.
- Health Protection Agency. *Guidelines for Assessing the Microbiological Safety of Ready-to-Eat Foods*. London: Health Protection Agency, November 2009.
- Hendarso, D. R., Handayani, A. P., Esterelita, E. and Handoko, Y. A. (2019) ‘Mekanisme biokimiawi dan optimalisasi *Lactobacillus bulgaricus* dan *Streptococcus thermophilus* dalam pengolahan yoghurt yang berkualitas’, *J. Sains Dasar*, 8(1), pp. 13–19. ISSN 2085-9872(print), ISSN 2443 1273(online).
- Henney, J. E., Taylor, C. L. and Boon, C. S. (2010) *Strategies to Reduce Sodium Intake in The United State*. Ukraine: National Academic Press, pp. 91-94.
- Hou, J. C., Jiang, C. gang and Long, Z. chen (2013) ‘Nitrite level of pickled vegetables in Northeast China’, *Food Control*, 29(1), pp. 7–10. doi: 10.1016/j.foodcont.2012.05.067.
- Huang, Yan-Yan., Jia, Xiang-ze., Yu, Jia-Jia., Chen, Yu-Han. and Liu, Dong-mei. (2021) ‘Effect of different lactic acid bacteria on nitrite degradation, volatile profiles, and sensory quality in chinese traditional paocai’, *Lwt-Food Science and Technology*, 147, pp. 1-12. doi: 10.1016/j.lwt.2021.111597.
- Hurtado, A., Reguant, C., Bordons, A. and Rozes, N. (2012) ‘Lactic acid bacteria from fermented table olives’, *Food Microbiology*, 31(1), pp. 1–8. doi: 10.1016/j.fm.2012.01.006.
- Icer, M. A., Ozbay, S., Agagunduz, D., Kelle, B., Bartkienė, E., Rocha, J. M. F. and Ozogul, F. (2023) ‘The impacts of acidophilic lactic acid bacteria on food and human health: a review of the current knowledge’, *Foods*, 12(15), pp. 1-30. doi: 10.3390/foods12152965.
- Imtiaz, A., Sultana, S., Hossain, J., Rahman, S. A, and Ohga, S. (2016) ‘Performance of vegetative growth and artificial fruit body formation of *Hypsizygus marmoreus* in Bangladesh’, *Journal of the Faculty of Agriculture, Kyushu University*, 61(2), pp. 257–262. doi: 10.5109/1685879.
- Isa, N. L. M., Kormin, F., Iwansyah, A. C., Desnilasari, D. and Hesan, A. (2021) ‘Physicochemical properties and characterization of fermented cassava flour by lactic acid bacteria’, *IOP Conference Series: Earth and Environmental Science*, 736(1), pp. 1-11. doi: 10.1088/1755-1315/736/1/012023.
- Jablonska-Rys, E., Śląwińska, A., Radzki, W. and Gustaw, W. (2016) ‘Evaluation of the potential use of probiotic strain *Lactobacillus plantarum* 299V in lactic fermentation of button mushroom fruiting bodies’, *Acta Scientiarum Polonorum, Technologia Alimentaria*, 15(4), pp. 399–407. doi: 10.17306/J.AFS.2016.4.38.
- Jabłońska-Ryś, E., Skrzypczak, K., Śląwińska, A., Radzki, W. and Gustaw, W. (2019) ‘Lactic acid fermentation of edible mushrooms: tradition, technology, current state of research: a review’, *Comprehensive Reviews in Food Science and Food Safety*, 18(3), pp. 655–669. doi: 10.1111/1541-4337.12425.
- Jabłońska-Ryś, E., Śląwińska, A., Skrzypczak, K. and Goral, K. (2022) ‘Dynamics of changes in pH and the contents of free sugars, organic acids and LAB in button mushrooms during controlled lactic fermentation’, *Foods*, 11(1553),



pp. 1–16. doi: doi.org/10.3390/foods11111553.

- Janiszewska-Turak, E., Witrowa-Rajchert, D., Rybak, K., Rolof, J., Pobiega K., Woźniak, Ł. and Gramza-Michałowska, A. (2022) ‘The Influence of lactic acid fermentation on selected properties of pickled red, yellow, and green bell peppers’, *Molecules*, 27(8637), pp. 1-19. doi: [10.3390/molecules27238637](https://doi.org/10.3390/molecules27238637).
- Kała, K., Pajak, W., Sułkowska-Ziaja, K., Krakowska, A., Lazur, J., Fidurski, M., Marzec, K., Zieba, P., Fijałkowska, A., Szewczyk, A. and Muszyński, B. (2022) ‘*Hypsizygus marmoreus* as a source of indole compounds and other bioactive substances with health-promoting activities’, *Molecules*, 27(8917), pp. 1–18. doi: doi.org/10.3390/molecules27248917.
- Kim, B. H. and Gadd, G. M. (2019) *Prokaryotic Metabolism and Physiology*, 2nd edn. United Kingdom: Cambridge University Press, pp. 234.
- Knezeic, S. V., Vranesovic, J., Pelic, M., Knezevic, S., Kurelusic, J., Milanov, D. and Pelic, D. L. (2021) ‘The significance of *Enterobacteriaceae* as a process hygiene criterion in yogurt production’, *IOP Conf. Series: Earth and Environmental Science*, 854(1), pp. 1-5. doi: [10.1088/1755-1315/854/1/012104](https://doi.org/10.1088/1755-1315/854/1/012104).
- Koesoemawardani, D., Afifah, L. U., Herdiana, N., Suharyono, A. S., Fadhallah, E. G. and Ali, M. (2021) ‘Microbiological, physical and chemical properties of joruk (Fermented fish product) with different levels of salt concentration’, *Biodiversitas*, 22(1), pp. 132–136. doi: [10.13057/biodiv/d220118](https://doi.org/10.13057/biodiv/d220118).
- Kong, L., Shen, Z., Zhang, W., Xia, M., Gu, M., Zhou X. and Zhang, Y. (2018) ‘Conversion of sucrose into lactic acid over functionalized Sn-Beta Zeolite catalyst by 3-Aminopropyltrimethoxysilane’, *ACS Omega*, 3(12), pp. 17430–17438. doi: [10.1021/acsomega.8b02179](https://doi.org/10.1021/acsomega.8b02179).
- Kumar, K., Mehra, R., Guine, R. P. E., Lima, M. J., Kumar, N., Kaushik, R., Ahmed, N., Yadav, A. N. and Kumar, H. (2021) ‘Edible mushrooms: a comprehensive review on bioactive compounds with health benefits and processing aspects’, *Foods*, 10(12), pp. 1-22. doi: [10.3390/foods10122996](https://doi.org/10.3390/foods10122996).
- Kumar, R., Tapwal, A., Shailesh, P., Borah, R. K., Borah, D., and Borgohain, J. (2013) ‘Macro-fungal diversity and nutrient content of some edible mushrooms of Nagaland, India’, *Nusantara Bioscience*, 5(1), pp. 1–7. doi: [10.13057/nusbiosci/n050101](https://doi.org/10.13057/nusbiosci/n050101).
- Kusumaningati, M., Nurhatika, S. and Muhibuddin, A. (2013) ‘Pengaruh konsentrasi inokulum bakteri *Zymomonas mobilis* dan lama fermentasi pada produksi etanol dari sampah sayur dan buah Pasar Wonokromo Surabaya’, *Jurnal Sains dan Seni ITS*, 2(2), pp. 218–223. Available at: http://ejurnal.its.ac.id/index.php/sains_seni/article/view/4298.
- Liu, Y., Xie, Xiao-xiao., Ibrahim, S. A., Khaskheli, S. G., Yang, H., Wang, Yen-feng. and Huang, W. (2016) ‘Characterization of *Lactobacillus pentosus* as a starter culture for the fermentation of edible oyster mushrooms (*Pleurotus* spp.)’, *Lwt-Food Science and Technology*, 68, pp. 21–26. doi: [10.1016/j.lwt.2015.12.008](https://doi.org/10.1016/j.lwt.2015.12.008).
- Manowan, K., Wongputtisin, P., Tassanaudom, U., Sassa-Deepaeng, T. and Chomsri, Ni-orn. (2020) ‘Quality characteristics of fermented mushroom and vegetable product using a mixed starter of lactic acid bacteria’, *Advances in Food Science, Sustainable Agriculture and Agroindustrial Engineering*, 3(1), pp. 25–31. doi: [10.21776/ub.afssaae.2020.003.01.4](https://doi.org/10.21776/ub.afssaae.2020.003.01.4).



- Matela, K. S., Pillai, M. K. Thamae, T. (2019) ‘Evaluation of pH, titratable acidity, syneresis and sensory profile of some yoghurt sample from the Kingdom if Lesotho’, *Food Search*, 3(6), pp. 693-697. doi: 10.26656/fr.2017.3(6).177.
- Menconi, A., Kallapura, G., Latorre, J. D., Morgan, M. J., Pumford, N. R., Hargis, B. M. and Tellez, G. (2014) ‘Identification and characterization of lactic acid bacteria in a commercial probiotic culture’, *Bioscience of Microbiota, Food and Health*, 33(1), pp. 25–30. doi: 10.12938/bmfh.33.25.
- Minh, N. G. (2021) ‘Effectiveness of chilli powder incorporation to microbial loads, physicochemical and sensory characteristic of Vietnamese fermented pork roll (Nem Chua) ’, *Journal of Pure and Applied Microbiology*, 15(1), pp. 390-395. doi: 10.22207/JPAM.15.1.34.
- Mleczek, M., Siwulski, M., Rzymski, P., Budka, A., Kalac, P., Jasinska, A., Gasecka, M., Budzynska, S. and Niedzielski, P (2018) ‘Comparison of elemental composition of mushroom *Hypsizygus marmoreus* originating from commercial production and experimental cultivation’, *Scientia Horticulturae*, 236, pp. 30–35. doi: 10.1016/j.scienta.2018.03.029.
- Monira, S., Haque, A., Muhit, A., Sarker, N. C., Alam, A. H. M. K., Rahman, A. A. and Khondkar, P. (2012) ‘Antimicrobial, antioxidant and cytotoxic properties of *Hypsizygus tessulatus* cultivated in Bangladesh’, *Journal of Medicinal Plant*, 6(4), pp. 300-308. doi: 10.3923/rjmp.2012.300.308.
- Mylona, A. E., Del Fresno, J. M., Palomero, F., Loira, L., Bañuelos, M. A., Morata, A., Calderón, F., Benito, S. and Suárez-Lepe, J. A. (2016) ‘Use of Schizosaccharomyces strains for wine fermentation-effect on the wine composition and food safety’, *International Journal of Food Microbiology*, 232, pp. 63-72. doi: 10.1016/j.ijfoodmicro.2016.05.023.
- Nie, Y., Jia, Y., Zhang, X., Lu, S. and Li, B. (2022) ‘Screening of mixed lactic acid bacteria starter and its effects on the quality and flavor compounds of fermented *Lentinus edodes*’, *Food Science and Technology (Brazil)*, 42, pp. 1–8. doi: 10.1590/fst.39222.
- Nie, Y., Li, W., Al-Maqtari, Q. A., Nan, H. and Li, B. (2023) ‘Isolation, identification, and fermentation characteristics of endogenous lactic acid bacteria derived from edible mushrooms’, *Food Sci. Technol, Campinas*, 43, pp. 1–8. doi: 10.1590/fst.129122.
- Nofiani, R., Syahmurdiandi, N. M. and Ardiningsih, P. (2021) ‘The effects of garlic and red chilli pepper powder on physicochemical, microbiological, and sensory properties of cincalok’, *International Journal of Food Science*, 2021, 1-11. doi: 10.1155/2021/2882005.
- Nurdyansyah, F. and Hasbullah, U. H. A. (2018) ‘Optimasi fermentasi asam laktat *Lactobacillus casei* pada media fermentasi yang disubstitusi tepung kulit pisang’, *Al-Kauniyah: Jurnal Biologi*, 11(1), pp. 64–71. doi: 10.15408/kauniyah.v1i1.6166.
- Ogidi, C. O. and Agbaje, R. B. (2021) ‘Evaluation of nutrient contents, antioxidant and antimicrobial activities of two edible mushrooms fermented with *Lactobacillus fermentum*’, *Current Applied Science and Technology*, 21(2), pp. 252–267. doi: 10.14456/cast.2021.23.
- Ojo, A. O. and de Smidt, O. (2023) ‘Lactic acid: a comprehensive review of production to purification’, *Processes*, 11(3), pp. 1-37. doi: 10.3390/pr11030688.



- Pranayanti, A. I. P. and Sutrisno, A. (2015) ‘Pembuatan minuman probiotik air kelapa muda (*Cocos nucifera L.*) dengan starter *Lactobacillus casei* strain Shirota’, *Jurnal Pangan dan Agroindustri*, 3(2), pp. 763–772.
- Pratangga, D. ., Susilowati, S. and Puspitarini, O. R. (2019) ‘Pengaruh penambahan berbagai level sukrosa dan fruktosa terhadap total bakteri asam laktat dan nilai pH yoghurt susu kambing’, *Jurnal Rekasatwa Peternakan*, 2(1), pp. 51–56.
- Preetha, S. S. and Narayanan, R. (2020) ‘Factors influencing the development of microbes in food’, *Shanlax International Journal of Arts, Science and Humanities*, 7(3), pp. 57–77. doi: 10.34293/sijash.v7i3.473.
- Punia Bangar, S., Suri, S., Trif, M. and Ozogul, F. (2022) ‘Organic acids production from lactic acid bacteria: A preservation approach’, *Food Bioscience*, 46, pp. 1-16. doi: 10.1016/j.fbio.2022.101615.
- Purkan, P., Lailan, N. N. and Sumarsih, S. (2017) ‘*Lactobacillus bulgaricus* sebagai probiotik guna peningkatan kualitas ampas tahu untuk pakan cacing tanah’, *Jurnal Kimia Riset*, 2(1), p. 1-9. doi: 10.20473/jkr.v2i1.3688.
- Rahman, I. R., Nurkhasanah and Kumalasari, I. (2019) ‘Optimasi komposisi *Lactobacillus bulgaricus* dan *Streptococcus thermophilus* pada yogurt terfortifikasi buah lakum (*Cayratia trifolia* (L.) Domin) sebagai antibakteri terhadap *Escherichia coli*’, *Pharmaceutical Sciences and Research*, 6(2), pp. 99–106. doi: 10.7454/psr.v6i2.4459.
- Rathod, N. B., Phadke, G. G., Tabanelli, G., Mane, A., Ranveer, R. C., Pagarkar, A. and Ozogul, F. (2021) ‘Recent advances in bio-preservatives impacts of lactic acid bacteria and their metabolites on aquatic food products’, *Food Bioscience*, 44(PB), pp. 1-10. doi: 10.1016/j.fbio.2021.101440.
- Ray, R. C. and Montet, D. (2015) *Microorganisms and Fermentation of Traditional Foods*. United Kingdom: CRC Press, pp. 147.
- Riesute, R., Salomskiene, J., Moreno, D. S. and Gustiene, S. (2021) ‘Effect of yeasts on food quality and safety and possibilities of their inhibition’, *Trends in Food Science and Technology*, 108, pp. 1–10. doi: 10.1016/j.tifs.2020.11.022.
- Rohman, A. R., Dwiloka, B. and Rizqiati, H. (2019) ‘Pengaruh lama fermentasi terhadap total asam, total bakteri asam laktat, total khamir dan mutu hedonik kefir air kelapa hijau (*Cocos nucifera*)’, *Jurnal Teknologi Pangan*, 3(1), pp. 127–133. doi: 10.14710/jtp.2019.23281.
- Samuel, O., Mavis, O. and Frederick, O. (2019) ‘In vitro studies of the probiotic properties of lactic acid bacteria isolated from Akamu – a nigerian weaning food’, *Immunology and Infectious Diseases*, 7(2), pp. 13–20. doi: 10.13189/iid.2019.070201.
- Sharma, R., Garg, P., Kumar, P., Bhatia, S. K. and Kulshrestha, S. (2020) ‘Microbial fermentation and its role in quality improvement of fermented foods’, *Fermentation*, 6(4), pp. 1–20. doi: 10.3390/fermentation6040106.
- Soesetyaningsih, E. and Azizah, A. (2020) ‘Akurasi perhitungan bakteri pada daging sapi menggunakan metode hitung cawan’, *Berkala Sainstek*, 8(3), pp. 75–79. doi: 10.19184/bst.v8i3.16828.
- Sooresh, M. M, Willing, B. P. and Bourrie, B. C. T. (2023) ‘Opportunities and challenges of understanding community assembly in spontaneous food fermentation’, *Foods*, 12(3), pp. 1-6. doi: 10.3390/foods12030673.



- Speranza, B., Bevilacqua, A., Corbo, M. R. and Sinigaglia, M. (2017) *Starter Culture in Food Production*. UK: John Wiley & Sons, pp. 1-2.
- Srivastava, R. K. (2018) ‘Enhanced shelf life with improved food quality from fermentation processes’, *Journal of Food Technology and Preservation*, 2(3), pp. 1–7. Available at: <http://www.alliedacademies.org/food-technology-and-preservation/>
- Stamets, P. (2000) *Growing Gourmet and Medicinal Mushroom*. 3th edn. United States: Clarkson Potter/Ten Speed, pp. 250-251.
- Steinkraus, K. H. (1992) Lactic acid fermentation. *Application of Biotechnology in The Traditional Fermented Foods*. United State of America: National Academy Press, pp. 43-46.
- Suharyono., Rizal, S., Nurainy, F. and Kuniadi, M. (2012) ‘Pertumbuhan *L.casei* pada berbagai lama fermentasi minuman sinbiotik dari ekstrak cincau hijau (*Premna Oblongifolia* Merr)’, *Jurnal Teknologi Hasil Pertanian*, 5(2), pp. 117–128.
- Sun, H., Chen, X., Xiang, Y., Hu, Q. and Zhao, L. (2022) ‘Fermentation characteristics and flavor properties of *Hericium erinaceus* and *Tremella fuciformis* fermented beverage’, *Food Bioscience*, 50(PA), pp. 1-13. doi: 10.1016/j.fbio.2022.102017.
- Sun, Z., Cong, Y., Li, T., Meng, X. and Zhang, F. (2022) ‘Enhancement of nutritional, sensory and storage stability by lactic fermentation of *Auricularia auricula*’, *Journal of the Science of Food and Agriculture*, 102(12), pp. 5172–5180. doi: 10.1002/jsfa.11869.
- Tampinongkol, C., Nocianitri, K. A. and Ekawati, I. G. A. (2020) ‘Pengaruh konsentrasi sukrosa terhadap karakteristik minuman probiotik sari buah terung belanda terfermentasi dengan *Lactobacillus Rhamnosus* Skg34’, *Jurnal Ilmu dan Teknologi Pangan (ITEPA)*, 9(3), pp. 251-261. doi: 10.24843/itepa.2020.v09.i03.p01.
- Tanjung, S. M., Fevria, R., Handayani, D. and Advinda, L. (2023) ‘Jumlah bakteri asam laktat (BAL) pada sauerkraut dari kubis ungu (*Brasica oleracea* var. *capitata* L. f. *rubra*) dengan konsentrasi garam yang berbeda’, *Biocelebes*, 17(1), pp. 39-45. doi: 10.22487/bioceb.v17.
- Taolin, C. (2019) ‘Efek antimikroba capsaicin’, *Jurnal Ilmiah Kesehatan Sandi Husada*, 10(2), pp. 212–216. doi: 10.35816/jiskh.v10i2.152.
- Tomovska, J., Gjorgievski, N. and Makarijoski, B. (2016) ‘Examination of pH, titratable acidity and antioxidant activity in fermented milk’, *Journal of Materials Science and Engineering A*, 6(6), pp. 326-333. doi: 10.17265/2161-6213/2016.11-12.006.
- Ulzijargal, E. and Mau, J. (2014) ‘Nutrient compositions of culinary-medicinal mushroom fruiting bodies and mycelia’, *International Journal of Medicinal Mushroom*, 13(4), pp. 343-349. doi: 10.1615/IntJMedMushr.v13.i4.40.
- Wang, Y., Han, J., Wang, D., Gao, F., Zhang, L., Tian, J. and Jin, Y. (2022) ‘Research update on the impact of lactic acid bacteria on the substance metabolism, flavor, and quality characteristics of fermented meat products’, *Foods*, 2022(11), pp. 11-16. doi: 10.3390/foods11142090.
- Wang, Y., Wu, J., Lv, M., Saho, Z., Hungwe, M., Wang, J., Bai, X., Xie, J., Wang, Y. and Geng, W. (2021) ‘Metabolism characteristic of lactic acid bacteria and the expanding applications in food industry’, *Front. Bioeng. Biootechnol.*,



- 9(612285), pp. 1-19. doi: 10.3389/fbioe.2021.612285.
- Xia, C., Tian, Q., Kong, L., Sun, X., Shi, J., Zeng, X. and Pan, D. (2022) ‘Metabolomics analysis for nitrite degradation by the metabolites of *Limosilactobacillus fermentum* RC4’, *Foods*, 11(1009), pp. 1–16. doi: 10.3390/foods11071009.
- Xiao, Hong-Wei., Pan, Z., Deng, Li-Zhen., El-Mashad, H. M., Yang, Xu-Hai., Mujumdar, A. S., Gao, Zhen-Jiang. and Zhang, Q. (2017) ‘Recent developments and trends in thermal blanching – a comprehensive review’, *Information Processing in Agriculture*, 4(2), pp. 101–127. doi: 10.1016/j.inpa.2017.02.001.
- Xiong, T., Li, X., Guan, Q., Peng, F. and Xie, M. (2014) ‘Starter culture fermentation of chinese sauerkraut: growth, acidification and metabolic analyses’, *Food Control*, 41(1), pp. 122–127. doi: 10.1016/j.foodcont.2013.12.033.
- Yunita, M., Hendrawan, Y. and Yulianingsih, R. (2015) ‘Analysis of food microbiology in flight (Aerofood ACS) Garuda Indonesia based on the TPC (Total Plate Count) with the pour plate method’, *Jurnal Keteknikan Pertanian Tropis dan Biosistem*, 3(3), pp. 237–248. Available at: <https://jkptb.ub.ac.id/index.php/jkptb/article/view/289>.
- Yunus, Y. and Zubaidah, E. (2015) ‘The effect of sucrose concentration and fermentation time to viability of *Lactobacillus casei* during frozen storage for velva from ambon banana’, *Jurnal Pangan dan Agroindustri*, 3(2), pp. 303–312.
- Zapański, A., Sokołowska, B. and Bryła, M. (2022) ‘Role of lactic acid bacteria in food preservation and safety’, *Foods*, 11(1283), pp. 1–17. doi: 10.3390/foods11091283.
- Zhang, Yu-Gang., Zang, T. and Lin L. (2024) ‘Identification of Flo11-like adhesin in *Schizosaccharomyces pombe* and the mechanism of small-molecule compound mediating biofilm formation in yeast’, *Microorganism*, 12(358), pp. 1-12. doi: 10.3390/microorganisms12020358.
- Zhao, J., Lin, J., Yan, J., Zhang, C., Wang, T. and Gan, B. (2023) ‘Evaluation of the nutritional value, umami taste, and volatile organic compounds of *Hypsizygus marmoreus* by simulated salivary digestion in vitro’, *Current Research in Food Science*, 7, pp. 1-8. doi: 10.1016/j.crf.2023.100591.
- Zheng, H. G., Chen, J. C. and Ahmad, I. (2018) ‘Preservation of King Oyster Mushroom by the use of different fermentation processes’, *Journal of Food Processing and Preservation*, 42(1), pp. 1–7. doi: 10.1111/jfpp.13396.