

## 7. DAFTAR PUSTAKA

- Abubakar, Y., Widayat, H. P., Muzaiifa, M., & Mega, F. A. (2020). Isolasi dan Identifikasi Bakteri Asam Asetat Dari Fermentasi Kakao Aceh. *Jurnal Teknologi Pertanian Andalas*, 24(1), 23-28. <https://doi.org/10.25077/jtpa.24.1.23-28.2020>
- Aji, O. R., Pratiwi, A., Suwartiningsih, N., & Putri, D. A. (2024). PEMBERDAYAAN ANGGOTA DASAWISMA DUSUN GAMPING LOR, SLEMAN, YOGYAKARTA DALAM PEMBUATAN MINUMAN FERMENTASI KOMBUCHA. *Jurnal Pengabdian Kepada Masyarakat Mulia Madani Yogyakarta*, 2(2), 52-55. <https://jurnal.lppm-mmy.ac.id/index.php/dimaslia/article/view/77/61>
- Amanah, F., & Suryani, T. (2024). Kadar total asam dan sifat organoleptik kefir kombinasi ekstrak buah sukun dan susu skim dengan variasi jenis gula dan lama fermentasi. *BIOEDUSAINS: Jurnal Pendidikan Biologi dan Sains*, 7(1), 343–356. <https://doi.org/10.31539/bioedusains.v7i1.10136>
- Andaru, D., Rizqiati, H., & Nurwantoro, N. (2019). Pengaruh Lama Fermentasi Berbeda Terhadap Total Bakteri Asam Laktat, Total Asam, Kadar Alkohol Dan Organoleptik Kefir Whey Susu Sapi. *Jurnal Teknologi Pangan*, 3(2), 199-203. <https://doi.org/10.14710/jtp.2019.23752>
- Anggraini, A. C., & Retnaningrum, E. (2023). Efektivitas dan kualitas produk fermentasi kombucha dengan kombinasi substrat teh daun sukun (*Artocarpus altilis* (Parkinson) Fosberg) dan lemon (*Citrus limon* (L.) Burm. f.). *Jurnal Pengolahan Pangan*, 8(2), 97-106 <https://doi.org/10.31970/pangan.v8i2.118>
- Bogdan, M., Saritine, S., Filofteia, D. C., Petruta, C. C., Gabriela, L. U. T. A., Roxana, U. E., ... & Gabriela, L. (2018). Lactic acid bacteria strains isolated from Kombucha with potential probiotic effect. *Romanian Biotechnological Letters*, 23(3), 13592-13598. [cabidigitallibrary.org/doi/full/10.5555/20183356281](https://cabidigitallibrary.org/doi/full/10.5555/20183356281)
- Breselge, S., Bellasi, P., Barcenilla, C., Álvarez-Ordóñez, A., Morelli, L., & Cotter, P. D. (2024). *Bifidobacterium fermentum* sp. nov. and *Bifidobacterium aquikefircicola* sp. nov., isolated from water kefir. *International Journal of Systematic and Evolutionary Microbiology*, 74(10), 006549. <https://www.microbiologyresearch.org/content/journal/ijsem/10.1099/ijsem.0.006549>
- Budiandari, R. U., Azara, R., & Prihatiningrum, A. E. (2023). Studi karakteristik kimia minuman probiotik kombucha sari kulit nanas (*Ananas comosus*): Study of the chemical characteristics of probiotik baverage kombucha pineapple skin juice (*Ananas comosus*). *Teknologi Pangan: Media Informasi dan Komunikasi Ilmiah Teknologi Pertanian*, 14(2), 181-188. <https://doi.org/10.35891/tp.v14i2.3890>
- Codex Alimentarius. 2003. Codex Standard for Fermented Milk (Codex Stand 243-2003) CCNEA document (CA/NEA 13/7/6).

- Czarnowska-Kujawska, M., Klepacka, J., Starowicz, M., & Lesińska, P. (2024). Functional Properties and Sensory Quality of Kombucha Analogs Based on Herbal Infusions. *Antioxidants*, 13(10), 1191. [10.3390/antiox13101191](https://doi.org/10.3390/antiox13101191)
- Dartora, B., Hickert, L. R., Fabricio, M. F., Ayub, M. A. Z., Furlan, J. M., Wagner, R., ... & Sant'Anna, V. (2023). Understanding the effect of fermentation time on physicochemical characteristics, sensory attributes, and volatile compounds in green tea kombucha. *Food Research International*, 174, 113569. [Understanding the effect of fermentation time on physicochemical characteristics, sensory attributes, and volatile compounds in green tea kombucha - ScienceDirect](https://doi.org/10.1016/j.foodres.2023.113569)
- Datundugon, S. P. S., Elly, F. H., & Kalangi, J. K. J. (2020). ANALISIS KELAYAKAN FINANSIAL USAHATANI JAMBU BIJI KRISTAL (*Psidium guajava* L.)(Studi Kasus: Petani Jambu Biji Kristal di Desa Warisa Kecamatan Talawaan Kabupaten Minahasa Utara). In *Terakreditasi Jurnal Nasional Sinta* (Vol. 5). [https://doi.org/https://doi.org/10.35791/agrsosek.16.3.2020.31185](https://doi.org/10.35791/agrsosek.16.3.2020.31185)
- Effendi, V.P. and Parhusip, A.J.N. (2021). Kajian Literatur Speifikasi Mutu Fisikokimia dan Mikrobiologis Water Kefir dengan Konsentrasi Substrat dan Starter. *Jurnal Teknologi Pangan dan Jurnal Teknologi Hasil Pertanian*, Vol. 16, No. 2, Agustus202392Kesehatan3(2): 66–76. <https://doi.org/10.36441/jtepakes.v3i2.558>
- Gao, X., & Li, B. (2016). Chemical and microbiological characteristics of kefir grains and their fermented dairy products: A review. In *Cogent Food and Agriculture* (Vol. 2, Issue 1). Informa Healthcare. <https://doi.org/10.1080/23311932.2016.1272152>
- Ginting, S. O., Bintoro, V. P., & Rizqiati, H. (2019). Analisis total bal, total padatan terlarut, kadar alkohol, dan mutu hedonik pada kefir susu sapi dengan variasi konsentrasi sari buah naga merah (*Hylocereus polyrhizus*). *Jurnal Teknologi Pangan*, 3(1), 104-109. <https://doi.org/10.14710/jtp.2019.23017>
- Griana, P. T., & Kinasih, S. L. (2020). Potensi Makanan Fermentasi Khas Indonesia Sebagai Imunomodulator. In *Prosiding Seminar Nasional Biologi*, 6(1)(Vol. 6 No. 1 (2020): PROSIDING SEMINAR NASIONAL BIOLOGI DI ERA PANDEMI COVID-19 (OKTOBER 2020)), 401–412. <https://doi.org/https://doi.org/10.24252/psb.v6i1.15939>
- Gumanti, Z., Salsabila, A. P., & Sihombing, M. E. (2023). Pengaruh lama fermentasi terhadap mutu organoleptik pada proses pembuatan kombucha sari kulit buah naga merah (*Hylocereus polyrhizus*). *Jurnal Pengolahan Pangan*, 8(1), 25-32. <https://doi.org/10.31970/pangan.v8i1.96>
- Guntarti, A., & Hutami, E. N. (2019). Validation and vitamin C testing in crystal guava (*Psidium guajava* L.) with variations of origin with the HPLC method (High Performance Liquid Chromatography). *International Journal of Chemistry*, 11(1), 52-59. <http://dx.doi.org/10.5539/ijc.v11n1p52>
- Hafsari, A. R., & Farida, W. N. (2021). Karakteristik pH Kultur Kombucha Teh Hitam dengan Jenis Gula Berbeda pada Fermentasi Batch-Culture. In *Gunung Djati Conference Series* (Vol. 6, pp. 228-232). [Karakteristik pH](https://doi.org/10.30605/gunungdjati.v6i1.228-232)

[Kultur Kombucha Teh Hitam dengan Jenis Gula Berbeda pada Fermentasi Batch-Culture | Gunung Djati Conference Series](#)

- Handito, D., & Amaro, M. (2021). Pengaruh Konsentrasi Starter Scoby (Symbiotic Culture Of Bacteria And Yeast) Terhadap Total Mikroba, Total Khamir Dan Organoleptik Kombucha Sari Buah Apel: Effect of SCOLBY (Symbiotic Culture of Bacteria and Yeast) Starter's Concentration on Chemical, Microbiological and Organoleptic Properties of Apple Juice Kombuch. *Pro Food*, 7(2), 12-22. [PENGARUH KONSENTRASI STARTER SCOLBY \(SYMBIOTIC CULTURE OF BACTERIA AND YEAST\) TERHADAP TOTAL MIKROBA, TOTAL KHAMIR DAN ORGANOLEPTIK KOMBUCHA SARI BUAH APEL | Pro Food](#)
- Hasanah, M., Harisudin, M., & Fajarningsih, R. U. (2020). ANALYSIS OF FACTORS AFFECTING THE CRYSTAL GUAVA PRODUCTION STRATEGY. *Russian Journal of Agricultural and Socio-Economic Sciences*, 106(10), 159–167. <https://doi.org/10.18551/rjoas.2020-10.17>
- Hunandra, V. S. (2017). Penetapan daya antioksidan dan kadar total fenol kombucha dibandingkan teh hijau secara spektrofotometri. *CALYPTRA*, 5(2), 435-445. <https://journal.ubaya.ac.id/index.php/jimus/article/view/3142>
- Indriasari, Y., Berlian, M., & Hujana, N. (2022). PENGARUH TEMPAT TUMBUH DAN KONSENTRASI SUKROSA TERHADAP JUMLAH BAKTERI ASAM LAKTAT DAN TOTAL ASAM KEFIR AIR KELAPA EFFECT OF PLACE OF GROWTH AND SUCROSE CONCENTRATION TO THE NUMBER OF BACTERIA LACTIC ACID AND TOTAL ACID OF COCONUT WATER KEFIR. *Jurnal Pengolahan Pangan*, 7(1), 38–43. <https://doi.org/https://doi.org/10.31970/pangan.v7i1.71>
- Insani, H., Rizqiaty, H., & Pratama, Y. (2018). Pengaruh variasi konsentrasi sukrosa terhadap total khamir, total padatan terlarut, kadar alkohol dan mutu hedonik pada water kefir buah naga merah (*Hylureucus polyrhizus*). *Jurnal Teknologi Pangan*, 2(2), 90-97. <https://doi.org/10.14710/jtp.2018.20643>
- Ismail, I., Mubarak, F., Rasyak, R. I., Rusli, R., Fitriana, F., & Mashar, H. M. I. (2023). Isolasi dan uji aktivitas bakteri asam laktat dari produk fermentasi kombucha teh dalam menghambat bakteri *Escherichia coli*, *Staphylococcus aureus*, dan *Salmonella thypi*. *Jurnal Mandala Pharmacoon Indonesia*, 9(2), 335-344. <https://doi.org/10.35311/jmpi.v9i2.386>
- Junaidi, I. L., Wijaya, H., Jarief, R. S., & Angkasa, D. (2021). Pengaruh Proses Fermentasi dan Non-Fermentasi serta Pengeringan dengan Metode Spray Drying terhadap Mutu Serbuk Minuman Instan dari Buah Naga Merah (*Hylocereus polyrhizus*). *Indonesian Journal of Industrial Research*, 38(2), 98-107. <https://doi.org/10.32765/wartaihp.v38i2.6986>
- Kosasi, C., Lolo, W. A., & Sudewi, S. (2019). Isolasi dan uji aktivitas antibakteri dari bakteri yang berasosiasi dengan alga *Turbinaria ornata* (Turner) J. Agardh serta identifikasi secara biokimia. *Pharmacoon*, 8(2), 351-359. <https://doi.org/10.35799/pha.8.2019.29301>

- Kusmawati, S., Rizqiati, H., Nurwantoro, N., & Susanti, S. (2020). Analisis Kadar Alkohol, Nilai pH, Viskositas dan Total Khamir pada Water Kefir Semangka Semangka dengan Variasi Konsentrasi Sukrosa. *Jurnal Teknologi Pangan*, 4(2), 127-130. <https://doi.org/10.14710/jtp.2020.24157>
- Kusmawati, S., Rizqiati, H., Nurwantoro, N., & Susanti, S. (2020). Analisis Kadar Alkohol, Nilai pH, Viskositas dan Total Khamir pada Water Kefir Semangka Semangka dengan Variasi Konsentrasi Sukrosa. *Jurnal Teknologi Pangan*, 4(2), 127-130. <https://doi.org/10.14710/jtp.2020.24157>
- Kusumaningrum, S. B. C., Inayah, N., Pangestuti, K., Asfarina, A. R., Ristono, N. P., & Erdianto, D. (2024). KARAKTERISTIK PRODUK FERMENTASI KOMBUCHA DARI TEH HITAM (*Camelia sinensis*), KAYU SECANG (*Caesalpinia sappan L.*), JAHE (*Zingiber officinale*) DAN BUNGA TELANG (*Clitoria ternatea L.*). *Jurnal Sains dan Teknologi Pangan*, 9(4), 7535-7545. <http://dx.doi.org/10.63071/tr4bt610>
- Laureys, D., Leroy, F., Hauffman, T., Raes, M., Aerts, M., Vandamme, P., & De Vuyst, L. (2021). The type and concentration of inoculum and substrate as well as the presence of oxygen impact the water kefir fermentation process. *Frontiers in microbiology*, 12, 628599. <https://doi.org/10.3389/fmicb.2021.628599>
- Lestari, M. W., Bintoro, V. P., & Rizqiati, H. (2018). Pengaruh lama fermentasi terhadap tingkat keasaman, viskositas, kadar alkohol, dan mutu hedonik kefir air kelapa. *Jurnal Teknologi Pangan*, 2(1). <https://doi.org/10.14710/jtp.2018.20750>
- Lia, R., Shalehah, A., Jannah, M., Muslimin, M. I., & Aini, K. (2024). Pengaruh Lama Fermentasi Terhadap Mutu Organoleptik pada Proses Pembuatan Teh Kombucha Bunga Telang (*Clitoria ternatea L.*). *JURNAL KRIDATAMA SAINS DAN TEKNOLOGI*, 6(02), 494-501 <https://jurnal.umnu.ac.id/index.php/kst/article/view/1148>
- Limbad, M., Gutierrez-Maddox, N., Hamid, N., Kantono, K., Liu, T., & Young, T. (2023). Microbial and chemical changes during fermentation of coconut water kefir beverage. *Applied Sciences*, 13(12), 7257. <https://doi.org/10.3390/app13127257>
- Lindayani, Hartajanie, L., & Murniati, M. P. (2018). Probiotic potential of lactic acid bacteria from yellow bamboo shoot fermentation using 2.5% and 5% brine at room temperature. *Microbiology Indonesia*, 12(1), 30–34.
- Lindayani, Hartajanie, L., & Murniati, M. P. (2018). Probiotic potential of lactic acid bacteria from yellow bamboo shoot fermentation using 2.5% and 5% brine at room temperature. *Microbiology Indonesia*, 12(1), 30–34. <https://doi.org/10.5454/mi.12.1.5>
- Lynch, K. M., Wilkinson, S., Daenen, L., & Arendt, E. K. (2021). An update on water kefir: Microbiology, composition and production. *International Journal of Food Microbiology*, 345, 109128. <https://doi.org/10.1016/j.ijfoodmicro.2021.109128>
- Maryati, Y., Susilowati, A., Artanti, N., & Lotulung, P. D. (2020). Pengaruh waktu fermentasi terhadap aktivitas antioksidan dan kadar betasianin minuman fungsional dari buah naga (*hylocereus polyrhizus*) dan umbi bit (*beta*

- vulgaris). *Jurnal Bioteknologi Dan Biosains Indonesia*, 7(1), 48-58. <https://doi.org/10.29122/jbbi.v7i1.3732>
- Mastuti, R., Syawal, H., Lukistyowati, I., & Fitri, A. (2024). Karakteristik bakteri asam laktat pada usus ikan patin (*Pangasius hypophthalmus*) yang diberikan pakan fermentasi. *Tapian Nauli: Jurnal Penelitian Terapan Perikanan dan Kelautan*, 6(2), 37-40. <https://doi.org/10.300491/tapiannauli.v6i2.262>
- Mawarno, B. A. S., Prasojo, B. W., & Rokhmah, L. N. (2025). Karakterisasi kimiawi dan uji potensi daya hambat bakteri *Escherichia coli* kombucha jambu air (*Syzygium samarangense*). *Jurnal Teknologi Pangan dan Gizi (Journal of Food Technology and Nutrition)*, 24(1), 31-37. <https://doi.org/10.33508/jtpg.v24i1.5872>
- Moradi, M., Molaei, R., & Guimarães, J. T. (2021). A review on preparation and chemical analysis of postbiotics from lactic acid bacteria. *Enzyme and Microbial Technology*, 143, 109722. <https://doi.org/10.1016/j.enzmictec.2020.109722>
- Muzaifa, M., Rohaya, S., Nilda, C., & Harahap, K. R. (2022). Kombucha fermentation from cascara with addition of red dragon fruit (*Hylocereus polyrhizus*): Analysis of alcohol content and total soluble solid. In *International Conference on Tropical Agrifood, Feed and Fuel (ICTAFF 2021)* (pp. 125-129). Atlantis Press. <https://doi.org/10.2991/absr.k.220102.020>
- Ndraha, H., & Al Ihsan, M. A. (2024). Sosialisasi Pentingnya Kesadaran Masyarakat Desa Lingga Tiga Dalam Pemanfaatan Teh Kombucha Guna Meningkatkan Kesehatan Bagi Masyarakat Khusus Nya Para Lansia. *Jurnal Pengabdian Masyarakat Anshara Madani (JPMAM)*, 2(1). <https://journal.anshara.id/index.php/jpmam/article/view/17/32>
- Parhusip, A. J. (2022). Aktivitas Antioksidan dan Kadar Kafein Kombucha Kopi (Antioxidant Activity and Caffeine Content of Coffee Kombucha). *Fast-Jurnal Sains dan Teknologi*, 6(1). <https://doi.org/10.19166/jstfast.v6i1.4740>
- Permadi, E., Suciati, F., & Lestari, R. B. (2021). Kualitas yoghurt susu kambing PE dengan suplementasi ekstrak buah lakum terhadap viskositas, total asam dan total padatan terlarut. *Jurnal Sains Peternakan*, 9(1), 40-47. <https://doi.org/10.21067/jsp.v9i1.5668>
- Permana, A. H., Yuliana, E., & Nurhalisa, I. A. (2021). Isolasi dan Karakterisasi Morfologi Mikroorganisme pada Proses Fermentasi Kombucha Berbahan Baku Teh Hijau (*Camellia sinensis*). *Warta Akab*, 45(2). <https://doi.org/10.55075/wa.v45i2.38>
- Priyono, P., & Riswanto, D. (2021). Studi Kritis Minuman Teh Kombucha: Manfaat Bagi Kesehatan, Kadar Alkohol Dan Sertifikasi Halal. *International Journal Mathla'ul Anwar of Halal Issues*, 1(1), 9-18. <https://doi.org/10.30653/ijma.202111.7>
- Purba, A. P., Dwiloka, B., & Rizqianti, H. (2018). Pengaruh lama fermentasi terhadap total bakteri asam laktat (BAL), viskositas, aktivitas antioksidan,

- dan organoleptik water kefir anggur merah (*Vitis vinifera* L.). *Jurnal Teknologi Pangan*, 2(1). <https://doi.org/10.14710/jtp.2018.20553>
- Puspaningrum, D. H. D., Sumadewi, N. L. U., & Sari, N. K. Y. (2021). Kandungan total asam, total gula dan nilai pH kombucha cascara kopi arabika Desa Catur Bangli selama fermentasi. In *Seminar Ilmiah Nasional Teknologi, Sains, dan Sosial Humaniora (SINTESA)* (Vol. 4). <https://dx.doi.org/10.24246/saries.v5i2p44-51>
- Puspaningrum, D. H. D., Sumadewi, N. L. U., & Sari, N. K. Y. (2022). Karakteristik kimia dan aktivitas antioksidan selama fermentasi kombucha cascara kopi arabika (*Coffea arabica* L.) Desa Catur Kabupaten Bangli. *Jurnal Sains Dan Edukasi Sains*, 5(2), 44-51. <http://dx.doi.org/10.24246/saries.v5i2p44-51>
- Putra, A. C., Nurchayati, Y., Hastuti, E. D., & Setiari, N. (2023). Kandungan Vitamin C dan Morfometri Buah Jambu Kristal (*Psidium guajava* L. cv. 'Kristal') pada Pengemasan yang Berbeda. *Buletin Anatomi Dan Fisiologi*, 8(2), 146-153. <https://doi.org/https://doi.org/10.14710/baf.8.2.2023.146-153>
- Putri, A. L., & Kusdiyantini, E. (2018). Isolasi dan identifikasi bakteri asam laktat dari pangan fermentasi berbasis ikan (*Inasua*) yang diperjualbelikan di Maluku-Indonesia. *Jurnal Biologi Tropika*, 1(2), 6-12. <https://doi.org/10.14710/jbt.1.2.6-12>
- Ramadhan, D., & Dwiloka, B. (2025). Pengaruh proporsi sukrosa dan high fructose syrup (HFS) terhadap sifat kimia dan mikrobiologi kombucha cascara. *Jurnal Teknologi Pangan*, 9(1), 16-20. <https://doi.org/10.14710/jtp.2025.41190>
- Randazzo, W., Corona, O., Guarcello, R., Francesca, N., Germana, M. A., Erten, H., . . . Settanni, L. (2016). Development of new non-dairy beverages from mediterranean fruit juices fermented with water kefir microorganisms. *Food Microbiology*, 54, 40-51. <https://doi.org/10.1016/j.fm.2015.10.018>
- Rizqiati, H., Nurwantoro, N., & Abdullah, S. F. J. (2025). The Effect of Butterfly Pea Flower (*Clitoria ternatea*) Extract Addition on Total Dissolved Solids, Yeast Count, Total Acidity, and Organoleptic Properties of Water Kefir. *Journal of Applied Food Technology*, 12(1), 45-51. <https://doi.org/10.17728/jaft.27144>
- Rizqiati, H., Ramadhanti, D. L., & Prayoga, M. I. Y. (2021). Pengaruh variasi konsentrasi sukrosa terhadap total bakteri asam laktat, ph, kadar alkohol dan hedonik water kefir belimbing manis (*Averrhoa carambola*). *Jurnal Ilmiah Sains*, 54-62. <https://doi.org/10.35799/jis.21.1.2021.31160>
- Rihibiha, D., Herawati, E., & Rizqiyah, N. S. (2022). Total Bakteri Asam Laktat (BAL) Pada Kombucha Cascara Dalam Berbagai Konsentrasi Pemanis Stevia. *Jurnal Kesehatan Kartika*, 17(3). <https://doi.org/10.26874/jkkes.v17i3.244>
- Rohman, A., Dwiloka, B., & Rizqiati, H. (2019). Pengaruh Lama Fermentasi Terhadap Total Asam, Total Bakteri Asam Laktat, Total Khamir dan Mutu Hedonik Kefir Air Kelapa Hijau (*Cocos nucifera*) Effect of Fermentation Time on Acidity, Total Lactic Acid Bacteria, Total Yeast and Hedonic

- Quality Green Coconut (*Cocos nucifera*) Water Kefir. *Jurnal Teknologi Pangan*, 3(1), 127–133. <https://doi.org/10.14710/jtp.2019.23281>
- Sanwal, N., Gupta, A., Baren, M. A., Sharma, N., & Sahu, J. K. (2023). Kombucha fermentation: Recent trends in process dynamics, functional bioactivities, toxicity management, and potential applications. *Food Chemistry Advances*, 3, 100421. <https://doi.org/10.1016/j.focha.2023.100421>
- Sari, F. P. (2020). Analisis preferensi konsumen jambu biji varietas kristal (studi kasus di Desa Padang Kecamatan Trucuk Kabupaten Bojonegoro Provinsi Jawa Timur Tahun 2020). *Oryza: Jurnal Agribisnis dan Pertanian Berkelanjutan*, 5(1), 10–18. <https://ojs.ejournalunigoro.com/index.php/oryza/article/view/737>
- Sin, P. Y., Tan, S. H., Asras, M. F. F., Lee, C. M., & Lee, T. C. (2024). Probiotic growth pattern and physicochemical evaluation of water kefir fermentation. *Malaysian Applied Biology*, 53(2), 21-30. <https://doi.org/10.55230/mabjournal.v53i2.2742>
- Sine, Y. (2023). Potensi bakteri asam laktat pada makanan fermentasi. *Jurnal Saintek Lahan Kering*, 5(2), 21–23. <https://doi.org/10.32938/slk.v5i2.1915>
- Sri, O., & Ginting, A. W. (2024). Organoleptik kefir susu kambing dengan waktu lama fermentasi. In *JCI Jurnal Cakrawala Ilmiah* (Vol. 3, Issue 9). <https://www.bajangjournal.com/index.php/JCI/article/view/7721>
- Su, T. C., Yang, M. J., Huang, H. H., Kuo, C. C., & Chen, L. Y. (2021). Using sensory wheels to characterize consumers' perception for authentication of Taiwan specialty teas. *Foods*, 10(4), 836. <https://doi.org/10.3390/foods10040836>
- Suciati, F., Triastuti, D., & Permadi, E. (2025). Sensory and chemical quality of kombucha fermented whey with the addition of Subang pineapple juice. *Jurnal Ilmiah Peternakan Terpadu*, 13(1), 133–150. <https://doi.org/10.23960/jipt.v13i1.p133-150>
- Sumual, A. M., & Tallei, T. E. (2019). Uji antibakteri dari bakteri asam laktat hasil fermentasi selada romain (*Lactuca sativa* var. *longifolia* Lam.). *Pharmakon*, 8(2), 306–314. <https://doi.org/10.35799/pha.8.2019.29296>
- Suryani, T., & Khasanah, A. N. (2022, November). Uji Total Asam dan Organoleptik Water Kefir Ekstrak Buah Apel Hijau (*Pyrus malus* L.) Dengan Variasi Lama Fermentasi dan Konsentrasi Kristal Alga. In *Prosiding SNPBS (Seminar Nasional Pendidikan Biologi dan Saintek)* (pp. 272-279). <https://proceedings.ums.ac.id/snpbs/article/view/1769>
- Visakhadevi, J. A., Andriyono, S., Satyantini, W. H., & Mohd Noh, N. I. (2024). Investigation of the bacterial diversity in fermented mangrove apple (*Sonneratia caseolaris*) fruit juice kombucha using DNA metabarcoding. *Biodiversitas: Journal of Biological Diversity*, 25(9), 3201–3207. <https://doi.org/10.13057/biodiv/d250942>
- Villarreal-Soto, S. A., Beaufort, S., Bouajila, J., Souchard, J. P., & Taillandier, P. (2018). Understanding kombucha tea fermentation: a review. *Journal of food science*, 83(3), 580-588. <https://doi.org/10.1111/1750-3841.14068>

- Wang, B., Rutherford-Markwick, K., Zhang, X.-X., & Mutukumira, A. N. (2022). Isolation and characterisation of dominant acetic acid bacteria and yeast isolated from kombucha samples at point of sale in New Zealand. *Current Research in Food Science*, 5, 835–844. <https://doi.org/10.1016/j.crfs.2022.04.013>
- Yao, L., Ma, H., Yao, L., Cao, H., Feng, T., Wang, H., ... Sun, M. (2025). Initial sugar concentration on sensory characteristics of raw Pu-Erh tea kombucha and multi-omics analysis of the fermentation process under optimal sugar concentration. *Foods*, 14(18), 3216. <https://doi.org/10.3390/foods14183216>
- Yelnetty, A., Maaruf, W., Hadju, R., & Rembet, D. (2023). Pengaruh penggunaan jambu biji merah terhadap pH, Total bakteri Asam Laktat, kadar alkohol dan viskositas kefir. *Zootec*, 43(1), 110-117. <https://ejournal.unsrat.ac.id/index.php/zooteck/article/view/48608>
- Yuningtyas, S., Masaenah, E., & Telaumbanua, M. (2021). Aktivitas antioksidan, total fenol, dan kadar vitamin c dari kombucha daun salam (*Syzygium polyanthum* (Wight) Walp.). *Jurnal Farmamedika (Pharmamedika Journal)*, 6(1), 10-14. <https://doi.org/10.47219/ath.v6i1.116>
- Yunita, M., Warella, J. C., Astuty, E., Asmin, E., & Ohiwal, M. (2024). Pemberdayaan Masyarakat Melalui Edukasi Manfaat Probiotik Dan Pelatihan Pembuatan Minuman Teh Kombucha. *JMM (Jurnal Masyarakat Mandiri)*, 8(2), 1732-1741. <https://journal.ummat.ac.id/index.php/jmm/article/view/21658>

