

DAFTAR PUSTAKA

- Adams, M. R., & Nicolaides, L. (1997). Review of the Sensitivity of Different Foodborne Pathogens to Fermentation. *Food Control*, 8(5-6), 227-239.
- Afriani, S., Idiawati, N., Destiarti, L., Arianie, L. (2013). Uji Aktivitas Antioksidan Daging Buah Asam Paya (*Eleiodoxa conferta* Burret) dengan Metode DPPH dan Tiosianat. *Jurnal Kimia Khatulistiwa*, 3(1), 49-56.
- Agriopoulou, S., Stamatelopoulou, E., Sachadyn-Król, M., & Varzakas, T. (2020). Lactic Acid Bacteria as Antibacterial Agents to Extend the Shelf Life of Fresh and Minimally Processed Fruits and Vegetables: Quality and Safety Aspects. *Microorganisms*, 8(6), 952.
- Alemneh, S. T., Emire, S. A., & Hitzmann, B. (2021). Teff-based Probiotic Functional Beverage Fermented with *Lactobacillus rhamnosus* and *Lactobacillus plantarum*. *Foods*, 10(10), 2333.
- Aguilar-Zarate, P., Cruz, M.A., Montanez, J., Rodriguez-Herrera, R., Wong-Paz, J.E., Belmares, R.E., & Aguilar, C.N. (2015). Gallic Acid Production Under Anaerobic Submerged Fermentation by Two Bacilli Strains. *Microbial Cell Factories*, 14(1), 1-7.
- Arellano, K., Vazquez, J., Park, H., Lim, J., Ji, Y., Kang, H.J., Cho, D., Jeong, H.W., & Holzapfel, W.H. (2020). Safety Evaluation and Whole-genome Annotation of *Lactobacillus plantarum* Strains from Different Sources with Special Focus on Isolates from Green Tea. *Probiotics and Antimicrobial Proteins*, 12, 1057-1070.
- Awaluddin, N., & Wahyuningsih, S. (2019). Uji aktivitas Antioksidan Ekstrak Metanol Klik Anak Dara (*Croton oblongus* Burm) menggunakan Metode DPPH. *Jurnal Farmasi UIN Alauddin Makasar*, 7(2).
- Azizah, D.N., Kumolowati, E., & Faramayunda, F. (2014). Penetapan Kadar Flavonoid Metode AlCl_3 pada Ekstrak Metanol Kulit Buah Kakao (*Theobroma cacao* L.). *Kartika Jurnal Ilmiah Farmasi*, 2(2), 45-49.
- Bahriul, P., Rahman, N., & Diah, A.W.M. (2014). Uji Aktivitas Antioksidan Daun Salam (*Syzygium polyanthum*) dengan Menggunakan 1,1-difenil pikrilhidrazil. *J.Akad.Kim*, 3(3), 143-149.
- Behera, S. S., Ray, R. C., & Zdolec, N. (2018). *Lactobacillus plantarum* with Functional Properties: an Approach to Increase Safety and Shelf-life of Fermented Foods. *BioMed Research International*, 2018.
- Blois, M. S. (1958). Antioxidant Determinations by the Use of a Stable Free Radical. *Nature*, 181(4617), 1199-1200.

- Campaniello, D., Speranza, B., Bevilacqua, A., Altieri, C., Rosaria Corbo, M., & Sinigaglia, M. (2020). Industrial Validation of a Promising Functional strain of *Lactobacillus plantarum* to Improve the Quality of Italian Sausages. *Microorganisms*, 8(1), 116.
- Cirlini, M., Ricci, A., Galaverna, G., & Lazzi, C. (2020). Application of Lactic Acid Fermentation to Elderberry Juice: Changes in Acidic and Glucidic Fractions. *Lwt*, 118, 1-14.
- Corbo, M. R., Bevilacqua, A., Petrucci, L., Casanova, F. P., & Sinigaglia, M. (2014). Functional Beverages: the Emerging Side of Functional Foods: Commercial Trends, Research, and Health Implications. *Comprehensive Reviews in Food Science and Food Safety*, 13(6), 1192-1206.
- Darmadi, S. (2008). *Infeksi Nosokomial Problematika & Pengendaliannya*. Jakarta: Salemba Medika.
- Dasan, B.G., & Boyaci, I.H. (2018). Effect of Cold Atmospheric Plasma on Inactivation of *Escherichia coli* and Physicochemical Properties of Apple, Orange, Tomato Juices, and Sour Cherry Nectar. *Food and Bioprocess Technology*, 11(2), 334-343.
- De Vries, M.C., Vaughan, E.E. Kleerebezem, M., & de Vos, W.M. (2006). *Lactobacillus plantarum*-Survival, Functional, and Potential Probiotic Properties in the Human Intestinal Tract. *International Dairy Journal*, 16(9), 1018-1028.
- Dhewaji, R.D., & Martin, A. (2020). Pengeringan Bengkuang dengan menggunakan *Freeze Vacuum Drying* dengan kapasitas 1 kg. *JOM FTEKNIK*, 7(1), 1-5.
- Di Cagno, R., Filannino, P., & Gobbetti, M. (2017). Lactic Acid Fermentation Drives the Optimal Volatile Flavor-aroma Profile of Pomegranate Juice. *International Journal of Food Microbiology*, 248, 56-62.
- Ebrahimzadeh, M. A., Pourmorad, F., & Hafezi, S. (2008). Antioxidant Activities of Iranian Corn Silk. *Turkish Journal of Biology*, 32(1), 43-49.
- Ephrem, E., Najjar, A., Charcosset, C., & Greige-Gerges, H. (2018). Encapsulation of Natural Active Compounds, Enzymes, and Probiotics for Fruit Juice Fortification, Preservation, and Processing. *Journal of Functional Foods*, 48, 65-84.
- Farida, Y., P.S. Wahyudi, S., Wahono M, M., & Hanafi. (2012). Flavonoid Glycoside from The Ethyl Acetate Extract of Keladi Tikus *Typonium flagelliforme* (Llod) Blume Leaves. *Asian Journal of Natural & Applied Sciences*, 1(4), 16-1.
- Filannino, P., Tlais, A. Z., Morozova, K., Cavoski, I., Scampicchio, M., Gobbetti, M., & Di Cagno, R. (2020). Lactic Acid Fermentation Enriches the Profile

- of Biogenic Fatty Acid Derivatives of Avocado Fruit (*Persea americana* Mill.). *Food Chemistry*, 317, 1-9.
- Filannino, P., Bai, Y., Di Cagno, R., Gobbetti, M., & Gänzle, M. G. (2015). Metabolism of Phenolic Compounds by *Lactobacillus* spp. during Fermentation of Cherry Juice and Broccoli Puree. *Food microbiology*, 46, 272-279.
- Frediansyah, A., Romadhoni, F., Nurhayati, R., & Wibowo, A. T. (2021). Fermentation of Jamaican Cherries Juice using *Lactobacillus plantarum* Elevates Antioxidant Potential and Inhibitory Activity against Type II Diabetes-related Enzymes. *Molecules*, 26(10), 1-14.
- Gaggia, F., Di Gioia, D., Baffoni, L., & Biavati, B. (2011). The Role of Protective and Probiotic Cultures in Food and Feed and Their Impact in Food Safety. *Trends in Food Science & Technology*, 22, S58-S66.
- Gao, H., Wen, J., Hu, J., Nie, Q.X., Chen, H.H., Nie, S.P., Xiong, T., & Xie, M.Y. (2019). *Momordica charantia* juice with *Lactobacillus plantarum* Fermentation: Chemical Composition, Antioxidant Properties and Aroma Profile. *Food Biosci*, 29, 62–67.
- Gao, Q., Chang, Y., Ma, R., Cao, X., & Wang, S. (2019). Dynamic Changes in Microbial Community during Natural Fermentation of *Lycium ruthenicum* Murr. Enzymes. *Food and Fermentation Industries*, 45(13), 126-133.
- Garcia, C., Guerin, M., Souidi, K., & Remize, F. (2020). Lactic Fermented Fruit or Vegetable Juices: Past, Present, and Future. *Beverages*, 6(8), 1-31.
- Hartati, A.I., Pramono, Y.B., & Legowo, A.M. (2012). Lactose and Reduction Sugar Concentrations, pH, And Sourness of Date Flavored Yogurt Drink as Probiotic Beverage. *Journal of Applies Food Technology*, 1(1), 1-3.
- Hesthiati, E., Priatmodjo, D., Wisnubudi, G., & Sukartono, I.G.S. (2019). *Keanekaragaman Hayati Tanaman Buah Langka Indonesia*. Jakarta: Lembaga Penerbit Unas.
- Heyne, K. (1987). *Tumbuhan Berguna Indonesia Volume II*. Jakarta: Yayasan Sarana Wana Jaya.
- Horáčková, Š., Rokytová, K., Bialasová, K., Klojdová, I., & Sluková, M. (2018). Fruit Juices with Probiotics—new Type of Functional Foods. *Czech Journal of Food Sciences*, 36(4), 284-288.
- Hou, X., Yi, Y., Zhang, X.M., Lu, J.D., Zhao, D.L., Huang, C.J., & Wu, S.H. (2019). Functional Characteristics of Microorganisms in Fermented Food. *China Condiment*, 44, 191–194.
- Hur, S. J., Lee, S. Y., Kim, Y. C., Choi, I., & Kim, G. B. (2014). Effect of Fermentation on the Antioxidant Activity in Plant-based Foods. *Food Chemistry*, 160, 346-356.

- Indrawati, I., Rossiana, N., & Hidayat, T.R. (2018). Antibacterial Activity of Bacterial Endophytes from Kupa Plant (*Syzygium polycephalum* Miq. (Merr & Perry) Against Pathogenic Bacteria. *IOP Con. Ser: Earth and Environmental*. 9-13 Oktober 2022 Atlanta, US. pp.1-8. doi :10.1088/1755-1315/166/1/012013.
- Jacques, N., & Casaregola, S. (2008). Safety Assessment of Dairy Microorganisms: the Hemiascomycetous Yeasts. *International Journal of Food Microbiology*, 126(3), 321-326.
- Janiszewska-Turak, E., Hornowska, Ł., Pobiega, K., Gniewosz, M., & Witrowa-Rajchert, D. (2021). The Influence of *Lactobacillus* Bacteria Type and Kind of Carrier on the Properties of Spray-dried Microencapsules of Fermented Beetroot Powders. *International Journal of Food Science & Technology*, 56(5), 2166-2174.
- Jawetz, M & Alderberg. (2008). *Medical Microbiology 24th*. New York: The McGraw-Hill Companies Inc.
- Julaeha, E., Rusiyaty, S., Fajri, N.N., Ramdani, F., & Tantra, R. (2016). Pemanfaatan Tepung Gadung (*Dioscorea hispida*) pada produksi Amilasi Menggunakan *Bacillus* sp. *Edufortech*, 1(1), 46-52.
- Jumiarni, W.O. & Komalasari, O. (2011). Inventory of Medicines Plant as Utilized by Muna Tribe in Kota Wuna Settlement. *Tradisional Medicine Journal*, 22(1), 45-56.
- Kandylis, P., Pissaridi, K., Bekatorou, A., Kanellaki, M., & Koutinas, A.A. (2-16). Dairy and Non-dairy Probiotic Beverages. *Current Opinion in Food Science*, 7, 58-63.
- Kate, D.I. (2014). Penetapan Kandungan Fenolik Total Dan Uji Aktivitas Antioksidan Dengan Metoda DPPH (*1,1-diphenyl-2-pikrilhydrazil*) Ekstak Metanolik Umbi Bidara Upas (*Merremia mammosa* (Lour) Hallier f.). *Skripsi*. Yogyakarta: Fakultas Farmasi USD
- Keerthi, M., Lakhsmi, P.J., Santhosh, A.M., & Rama, R.N. (2014). Review on Polyphenols as Natures Gift. *World Journal of Pharmacy and Pharmaceutical Sciences*, 3(4): 445-455.
- Kosem, N., Han, Y. H., & Moongkarndi, P. (2007). Antioxidant and Cytoprotective Activities of Methanolic Extract from *Garcinia mangostana* Hulls. *Science Asia*, 33(1), 283-292.
- Kwaw, E., Ma, Y., Tchabo, W., Apaliya, M. T., Wu, M., Sackey, A. S., Xiao, L., & Tahir, H. E. (2018). Effect of *Lactobacillus* Strains on Phenolic Profile, Color Attributes and Antioxidant Activities of Lactic-acid-Fermented Mulberry Juice. *Food Chemistry*, 250, 148-154.
- Lanza, B., Zago, M., Di Marco, S., Di Loreto, G., Cellini, M., Tidona, F., Bonvini, B., Baccelli, M., & Simone, N. (2020). Single and Multiple Inoculum of

- Lactiplantibacillus plantarum* Strains in Table Olive Lab-scale Fermentations. *Fermentation*, 6(4), 126.
- Lavermicocca, P., Valerio, F., & Visconti, A. (2003). Antifungal Activity of Phenyllactic Acid Against Molds Isolated from Bakery Products. *Applied and Environmental Microbiology*, 69(1), 634-640.
- Lee, K.W., Kim, Y.J., Lee, H.J., & Lee, C.Y. (2003). Cocoa has More Phenolic Phytochemicals and a Higher Antioxidant Capacity than Teas and Red Wine. *Journal of Agricultural and Food Chemistry*, 51(25), 7292-7295.
- Lenny, S. (2006). *Senyawa Flavonoida, Fenilpropanoida, dan Alkaloida*. Medan: FMIPA Universitas Sumatera Utara.
- Li, T., Jiang, T., Liu, N., Wu, C., Xu, H., & Lei, H. (2021). Biotransformation of Phenolic Profiles and Improvement of Antioxidant Capacities in Jujube Juice by Select Lactic Acid Bacteria. *Food Chemistry*, 339, 127859.
- Li, Z., Teng, J., Lyu, Y., Hu, X., Zhao, Y., & Wang, M. (2018). Enhanced Antioxidant Activity for Apple Juice Fermented with *Lactobacillus plantarum* ATCC14917. *Molecules*, 24(1), 1-12.
- Liao, X.Y., Guo, L.Q., Ye, Z.W., Qiu, L.Y., Gu, F.W., & Lin, J.F. (2016). Use of Autochthonous Lactic Acid Bacteria Starters to Ferment Mango Juice for Promoting its Probiotic Roles. *Preparative Biochemistry and Biotechnology*, 46(4), 399-405.
- Lightfoot, Y.L., Selle, K., Yang, T., Goh, Y.J., Sahay, B., Zadeh, M., Owen, J.L., Colliu, N., N., Li, E., Johannsson, T., Lepenies, B., Klaenhammer, T.R., & Mohamadzadeh, M. (2015). SIGNR 3-dependent Immune Regulation by *Lactobacillus acidophilus* Surface Layer Protein A in Colitis. *The EMBO Journal*, 34(7), 881-895.
- Liu, Y., Chen, H., Chen, W., Zhong, Q., Zhang, G., & Chen, W. (2018). Beneficial Effects of Tomato Juice Fermented by *Lactobacillus plantarum* and *Lactobacillus casei*: Antioxidation, Antimicrobial Effect, and Volatile Profiles. *Molecules*, 23(9), 1-18.
- Liu, Y., Cheng, H., Liu, H., Ma, R., Ma, J., & Fang, H. (2019). Fermentation by Multiple Bacterial Strains Improves the Production of Bioactive Compounds and Antioxidant Activity of Goji Juice. *Molecules*, 24(19), 1-14.
- Luthria, D.L. (2006). Influence of Sample Preparation on the Assay of Phytochemicals. *American Laboratory*, 3(7): 12.
- Ma, L., Zhang, M., Bhandari, B., & Gao, Z. (2017). Recent Developments in Novel Shelf Life Extension Technologies of Fresh-cut Fruits and Vegetables. *Trends in Food Science & Technology*, 64, 23-38.

- Mailandari, M. (2012). Uji Aktivitas Antioksidan Ekstrak Daun *garcinia kydia roxb* dengan Metode DPPH dan Identifikasi Senyawa Kimia Fraksi Ekstrak yang Aktif. *Skripsi*. Depok: Universitas Indonesia.
- Markkinen, N., Laaksonen, O., Nahku, R., Kuldjärv, R., & Yang, B. (2019). Impact of Lactic Acid Fermentation on Acids, Sugars, and Phenolic Compounds in Black Chokeberry and Sea Buckthorn Juices. *Food Chemistry*, 286, 204-215.
- Marsh, A. J., O'Sullivan, O., Hill, C., Ross, R. P., & Cotter, P. D. (2013). Sequence-based Analysis of the Microbial Composition of Water Kefir from Multiple Sources. *FEMS Microbiology Letters*, 348(1), 79-85.
- Mastuti, R. (2013). Skrining Fitokimia dan Uji Aktivitas Antioksidan Ekstrak Etanol Bunga Celosia. *Bio Wallacea Jurnal Ilmiah Ilmu Biologi*, 2(3), 143-148.
- Molyneux, P. (2004). The Use of the Stable Free Radical Diphenylpicrylhydrazyl (DPPH) for Estimating Antioxidant Activity. *Songklanakarin J. Sci. Technol*, 26(2), 211-219.
- Mongkolsilp, M., Pongbupakit, L., Sea-Lee, N., & Sitthihawon, W. (2004). Radical Scavenging Activity and Total Phenolic Content of Medical Plant use in Primary Health Care. *SWU, J Pharm Sci*, 9: 32-5.
- Muanda, F.N., Soulmani, R., Diop, B., & Dicko, A. (2011). Study on Chemical Composition and Biological Activities of Essential Oil and Extracts from *Stevia rebaudiana* Bertoni Leaves. *LWT-Food Science and Technology*, 44(9), 1865-1872.
- Muhialdin, B.J., Kadum, H., Zarei, M., & Hussin, A.S.M. (2020). Effects of Metabolite Changes during Lacto-fermentation on the Biological Activity and Consumer Acceptability for Dragon Fruit Juice. *Lwt*, 121, 1-7.
- Muhialdin, B.J., Hussin, A.S.M., Kadum, H., Hamid, A.A., & Jaafar, A.H. (2021). Metabolomic Changes and Biological Activities during the Lacto-Fermentation of Jackfruit Juice using *Lactobacillus casei* ATCC334. *Lwt*, 141, 1-8.
- Nguyen Thai, H., Van Camp, J., Smagghe, G., & Raes, K. (2014). Improved Release and Metabolism of Flavonoids by Steered Fermentation Processes: a Review. *International Journal of Molecular Sciences*, 15(11), 19369-19388.
- Nugroho, I.A. (2010). *Lokakarya Nasional Tanaman Obat Indonesia Edisi ke-2*. Bogor: Apforgen.
- Nurmalasari, T., Zahara,S., Arisanti, N., Mentari, P., Nurbaiti, Y., Lestari, T., & Rahmiyani, I. (2016). Uji Aktivitas Antioksidan Ekstrak Buah Kupa (*Syzygium polylephalum*) Terhadap Radikal Bebas dengan Metode DPPH.

- Jurnal Kesehatan Bakti Tunas Husada: Jurnal Ilmu-ilmu Keperawatan, Analis Kesehatan dan Farmasi*, 16(1), 61-8.
- Oke, J. M. & Hambuger, M. O. (2002). Screening of Some Nigerian Medicinal Plants for Antioxidant Activity using 2,2, diphenyl-1-picryl-hydrazyl Radical. *African Journal of Biomedical Research*, 5: 77-79.
- Oliveira, S.D., Souza, G.A., Eckert, C.R., Silva, T.A., Sobral, E.S., Favero, O.A., Ferreira, M.J.P., Romoff, P., & Baader, W.J. (2006). Evaluation of Antiradical Assays used Indetermining the Antioxidant Capacity of Pure Compounds and Plant Extracts. *Quim Nova*, 37(3), 497-503.
- Panitsa, A., Petsi, T., Kandylis, P., Kanellaki, M., & Koutinas, A. A. (2021). Tubular Cellulose from Orange Juice By-Products as Carrier of Chemical Preservatives; Delivery Kinetics and Microbial Stability of Orange Juice. *Foods*, 10(8), 1882.
- Patikkawa, J., & Fauziawati, A. (2020). TA: Pengaruh Metode Pemisahan Pelarut dengan Minyak Terhadap Kualitas Minyak Dedak Padi. *Thesis*. Bandung: Institut Teknologi Nasional Bandung.
- Paula, F.J., Cruz-Lopez, L., Duarte, A.C., Reis, M.A.L. (2015). Effects of Pre- and Post-harvest Factors on the Selected Elements Contents in Fruit Juices. *Czech Journal of Food Sciences*, 33(4), 384-391.
- Pawar, S.V., & Rathod, V.K. (2020). Role o Ultrasound in Assisted Fermentation Technologies ffor Process Enhancements. *Preparative Biochemistry & Biotechnology*, 50(6), 627-634.
- Peng, W., Meng, D., Yue, T., Wang, Z., & Gao, Z. (2021). Effect of the Apple Cultivar on Cloudy Aplle Juice Fermented by a Mixture of *Lactobacillus acidophilus*, *Lactobacillus plantarum*, and *Lactobacillus fermentum*. *Food Chemistry*, 340, 1-8.
- Plessas, S. (2021). Advancements in the Use of Fermented Fruit Juices by Lactic Acid Bacteria as Functional Foods: Prospects and Challenges of *Lactiplantibacillus* (Lpb.) *plantarum* subsp. *plantarum* Application. *Fermentation*, 8(1), 6.
- Poutanen, K., Flander, L., & Katina, K. (2009). Sourdough and Cereal Fermentation in a Nutritional Perspective. *Food Microbiology*, 26(7), 693-699.
- Prakash, A., Rigelhof, F., & Miller, E. (2001). Antioxidant Activity Medallion Laboratories Analitical Progres. *Minnesota*, 19(2), 3.
- Ragasa, C.Y., Torres, O.B., Shen, C.-C., Lachica, M.K.E.G., Sulit, A.B., Chua, D.B.D.L., Ancheta, A.D.M., Ismail, C.J.B., Bernaldez, F.T.E., & Raga, D.D. (2014). Triterpenes from the Leaves of *Syzygium polycephalum*, *S. cumini*, and *S. samarangense*. *Chemistry of Natural Compounds*, 50(5), 942-944.

- Ranadheera, C. S., Vidanarachchi, J. K., Rocha, R. S., Cruz, A. G., & Ajlouni, S. (2017). Probiotic Delivery Through Fermentation: Dairy vs. Non-dairy Beverages. *Fermentation*, 3(4), 67.
- Rathod, B. B., Murthy, S., & Bandyopadhyay, S. (2019). Is this Solution Pink Enough? A Smartphone Tutor to Resolve the Eternal Question in Phenolphthalein-based Titration. *Journal of Chemical Education*, 96(3), 486-494.
- Re, R., Pellegrini, N., Proteggente, A., Pannala, A., Yang, M., & Rice-Evans, C. (1999). Antioxidant Activity Applying an Improved ABTS Radical Cation Decolorization Assay. *Free Radical Biology and Medicine*, 26(9-10), 1231-1237.
- Ricci, A., Bernini, V., Maoloni, A., Cirlini, M., Galaverna, G., Neviani, E., & Lazzi, C. (2019). Vegetable by-product Lacto-fermentation as a New Source of Antimicrobial Compounds. *Microorganisms*, 7(12), 607.
- Ricci, A., Cirlini, M., Levante, A., Dall'Asta, C., Galaverna, G., & Lazzi, C. (2018). Volatile Profile of Eldeberry Juice: Effect of Lactic Acid Fermentation using *L. plantarum*, *L. rhamnosus*, and *L. casei* Strains. *Food Research International*, 105, 412-422.
- Ricci, A., Cirlini, M., Maoloni, A., Del Rio, D., Calani, L., Benini, V., Galaverna, G., Neviani, E., & Lazzi, C. (2019). Use of Dairy and Plant-derived Lactobacilli as Starters for Cherry Juice Fermentation. *Nutrients*, 11(2), 213.
- Rocchetti, M.T., Russo, P., Capozzi, V., Drider, D., Spano, G., & Fiocco, D. (2021). Bioprospecting Antimicrobials from *Lactiplantibacillus plantarum*: Key Factors Underlying its Probiotic Action. *International Journal of Molecular Sciences*, 22(21), 1-30.
- Rohman, A. & Riyanto, S. (2005). Daya Antioksidan Ekstrak Etanol Daun Kemuning (*Munaya paniculata* (L) Jack) secara In Vitro. *Majalah Farmasi Indonesia*, 16(3): 136-140.
- Rojo, M. C., López, F. A., Lerena, M. C., Mercado, L., Torres, A., & Combina, M. (2015). Evaluation of Different Chemical Preservatives to Control *Zygosaccharomyces rouxii* Growth in High Sugar Culture Media. *Food Control*, 50, 349-355.
- Rollando, R., Prasetyo, y.S.A., & Sitepu, R. (2019). Uji Antimikroba Minyak Atsiri Masoyi (*Massoia aromaticata*) terhadap Bakteri *Streptococcus mutans*. *Majalah Farmasi dan Farmakologi*, 23(2), 52-57.
- Ryu, J.Y., Lang, H.R., & Cho, S.K. (2019). Changes Over the Fermentation Period in Phenolic Compounds and Antioxidant Activities and Anticancer Activities of Blueberries Fermented by *Lactobacillus plantarum*. *Journal of Food Science*, 84(8), 1-10.

- Saraswaty, V. (2010). Alpha Glucosidase Inhibitor Activity from *Syzygium* sp. *Jurnal Teknologi Indonesia*, 33(1): 33-37.
- Saufani, I. A. (2009). Korelasi Berbagai Level Prebiotik Ubi Jalar Kuning (*Ipomea batatas* L.) dan Probiotik *Lactobacillus casei* pada Pembuatan Susu Fermentasi Sinbiotik. *Seminar Nasional Teknologi Peternakan dan Veteriner*.
- Septembre-Malaterre, A., Remize, F., & Poucheret, P. (2018). Fruits and Vegetables, as a Source of Nutritional Compounds and Phytochemicals: Changes in Bioactive Compounds during Lactic Fermentation. *Food Research International*, 104, 86-99.
- Shahidi, F., & Zhong, Y. (2015). Measurement of Antioxidant Activity. *Journal of Functional Foods*, 18, 757-781.
- Shalaby, E. A., & Shanab, S. M. (2013). Comparison of DPPH and ABTS Assays for Determining Antioxidant Potential of Water and Methanol Extracts of *Spirulina platensis*. *Indian Journal of Geo-Marine Sciences*, 42(5), 556-564.
- Sheng, J., Shan, C., Liu, Y., Zhang, P., Li, J., Cai, W., & Tang, F. (2022). Comparative Evaluation of the Quality of Red Globe Grape Juice Fermented by *Lactobacillus acidophilus* and *Lactobacillus plantarum*. *International Journal of Food Science & Technology*, 57(4), 2235-2248.
- Shirsath, J., Sonawe, S.H., & Gogate, P.R. (2012). Intensification o Extraction of Natural Products using Ultrasonic Irradiations- a Review of Current Status. *Chem Eng Process Process Intensif*, 53, 10-23.
- Sicard, D., & Legra, J.L. (2011). Bread, Beer, and Wine: Yeast Domestication in the *Saccharomyces sensu stricto* Complex. *Comptes Rendus Biologies*, 334(3), 229-236.
- Silveira, A. C., Aguayo, E., & Artés, F. (2013). Shelf-life and Quality Attributes in Fresh-cut Galia Melon Combined with Fruit Juices. *LWT-Food Science and Technology*, 50(1), 343-348.
- Simoes, S., Santos, R., Bento-Silva, A., Santos, M.V., Mota, M., Duarte, N., & Prista, C. 2019. Improving Nutritional Quality Unripe Tomato through Fermentation by a Consortium of Yeast and Lactic Acid Bacteria. *Journal of the Science of Food and Agriculture*, 102 (4), 1422-1429.
- Snyder, A. B., & Worobo, R. W. (2018). The Incidence and Impact of Microbial Spoilage in the Production of Fruit and Vegetable Juices as Reported by Juice Manufacturers. *Food Control*, 85, 144-150.
- Suprihatin, D. S. P. (2010). Pembuatan Asam Laktat dari Limbah Kubis. *Makalah Seminar Nasional Teknik Kimia Soebardjo Brotohardjono*, 24, F2-1-F2-8.

- Szutowska, J. (2020). Functional Properties of Lactic Acid Bacteria in Fermented Fruit and Vegetable Juices: A Systematic Literature Review. *European Food Research and Technology*, 246(3), 357-372.
- Talapessy, S., Suryanto, E., & Yudistira, A. (2013). Uji Aktivitas Antioksidan dari Ampas Hasil Pengolahan Sagu (*Metroxylon sagu* Rottb). *Jurnal Ilmiah Farmasi*, 2(3): 40-44.
- Tiwari, B. K., Valdramidis, V. P., O'Donnell, C. P., Muthukumarappan, K., Bourke, P., & Cullen, P. J. (2009). Application of Natural Antimicrobials for Food Preservation. *Journal of Agricultural and Food Chemistry*, 57(14), 5987-6000.
- Valerio, F., Lavermicocca, P., Pascale, M., & Visconti, A. (2004). Production of Phenyllactic Acid by Lactic Acid Bacteria: an Approach to the Selection of Strains Contributing to Food Quality and Preservation. *FEMS Microbiology Letters*, 233(2), 289-295.
- Van Boekel, M., Fogliano, V., Pellegrini, N., Stantom, C., Scholz, G., Lalljie, S., Somoza, V., Knorr, D., Jasti, P.R., & Eisenbrand, G. (2010). A Review on the Beneficial Aspects of Food Processing. *Molecular Nutrition & Food Research*, 54(9), 1215-1247.
- Vemuri, R., Gundamaraju, R., Shinde, T., Perera, A.P., Basheer, W., Southam, B., Gondalia, S.V., Karpe, A.V., Beale, D.H., Tristram, S., Ahuja, K.D.K., Ball,M., Martoni, C.J., & Eri, R. (2019). Lactobacillus acidophilus DDS-1 Modulates Intestinal-specific Microbiota, Short-chain Fatty Acid and Immunological Profiles in Aging Mice. *Nutrients*, 11(6), 1297.
- Wang, S.Y., Zhu, H.Z., La, Y.B., Liu, R.J., Liu, Y.R., Zhang, B.L., & Zhu, B.Q. (2020). Modifications of Phenolic Compounds, Biogenic Amines, and Volatile Compounds in Cabernet Gernishct Wine through Malolactic Fermentation by *Lactobacillus plantarum* and *Oenococcus oeni*. *Fermentation*, 6(1), 15.
- Wang, Y., Gu, Y., Fang, K., Mao, K., Dou, J., Fan, H., Zhou, C., & Wang, H. (2018). *Lactobacillus acidophilus* and *Clostridium butyricum* ameliorate colitis in Murine by Strengthening the Gut Barrier Function and Decreasing Inflammatory Factors. *Beneficial Microbes*, 9(5), 775-787.
- Wanniatie, V., dan Hanum, Z. (2015). Kualitas Susu Pasterisasi Komersil. *Jurnal Agripeternakan*, 15(2).
- Wu, C., Li, T., Qi, J., Jiang, T., Xu, H., & Lei, H. (2020). Effects of Lactic Acid Fermentation-based Biotransformation on Phenolic Profiles, Antioxidant Capacity and Flavor Volatiles of Apple Juice. *Lwt*, 122, 1-8.
- Yang, J., Sun, Y., Gao, T., Wu, Y., Sun, H., Zhu, Q., Han, Y., & Tao, Y. (2022). Fermentation and Storage Characteristics of “Fuji” Apple Juice using *Lactobacillus acidophilus*, *Lactobacillus casei* and *Lactobacillus*

- plantarum*: Microbial Growth, Metabolism of Bioactives and in Vitro Bioactivities. *Frontiers in Nutrition*, 9, 112.
- Ye, J.H., Huang, L.Y., Terefe, N.S., & Agustin, M.A. (2019). Fermentation-based Biotransformation of Glukosinolates, Phenolics and Sugars in Retorted Broccoli Puree by Lactic Acid Bacteria. *Food Chemistry*, 286, 616-623.
- Yunita, D., & Dodd, C. E. (2018). Microbial Community Dynamics of a Blue-veined Raw Milk Cheese from the United Kingdom. *Journal of Dairy Science*, 101(6), 4923-4935.
- Zhang, Q., Zhang, J., Shen, J., Silva, A., Dennis, D. A., & Barrow, C. J. (2006). A Simple 96-well Microplate Method for Estimation of Total Polyphenol Content in Seaweeds. *Journal of Applied Phycology*, 18(3), 445-450.
- Zhang, X., Duan, W., Zou, J., Zhou, H., Liu, C., & Yang, H. (2019). Flavor and Antioxidant Activity Improvement of Carrot Juice by Fermentation with *Lactobacillus plantarum* WZ-01. *Journal of Food Measurement and Characterization*, 13(4), 3366-3375.
- Zhang, Y., Liu, W., Wei, Z., Yin, B., Man, C., & Jiang, Y. (2021). Enhancement of Functional Characteristics of Blueberry Juices Fermented by *Lactobacillus plantarum*. *Lwt*, 139, 1-9.
- Zuhra, C. F., Tarigan, J. B., & Sihotang, H. (2008). Aktivitas Antioksidan Senyawa Flavonoid dari Daun Katuk (*Sauvagesia androgynus* (L) Merr.). *Jurnal Biologi Sumatera*, 3(1): 7-10.