

DAFTAR PUSTAKA

- Agrios, G. N. (2005). *Plant Pathology (5th ed.)*. Elsevier Academic Press.
- Badan Standardisasi Nasional. (2015). *SNI 2332.3-2015*. Cara Uji Mikrobiologi - Bagian 3 Penentuan ALT.
- Barkai-Golan, R. (2001). *Postharvest Diseases of Fruits and Vegetables*. Elsevier.
- Barth, M., Hankinson, T. R., Zhuang, H., & Breidt, F. (2009). *Compendium of the Microbiological Spoilage of Foods and Beverages*. In *Compendium of the Microbiological Spoilage of Foods and Beverages*. <https://doi.org/10.1007/978-1-4419-0826-1>
- Benson, C dan Ohseik, A. (2024). *NATIONAL WATER QUALITY LABORATORY TECHNICAL MEMORANDUM 2024*.
- Berkel, B. M., Boogaard, B. V. D., & Heijnen, C. (2004). *Preservation of fruit and vegetables*. Wageningen: Agromisa Foundation.
- Boyd, C. E. (2018). *Phytoplankton and its impact on water quality*. 7–11.
- Doležal, D., & Tomić, T. (2003). *Validation procedures for determination of total organic carbon in water*. Proceedings of the XVII IMEKO World Congress. Dubrovnik, Croatia: IMEKO.
- Endut, A., Jusoh, A., Ali, N., Wan Nik, W. A., & Hassan, A. (2010). Water quality in recirculating aquaponic system for production of red tilapia and lettuce (*Lactuca sativa*). *American Journal of Agricultural and Biological Sciences*, 5(3), 321–329. <https://doi.org/10.3844/ajabssp.2010.321.329>
- Harbi, M.A., Amran, R.H. & Satheesh, S. Importance of biofilms in water quality management in aquaculture systems—a review. *Aquacult Int* 33, 262 (2025).

- Huang, C., Jiang, T., Shan, H., & Wang, F. (2024). *Composition , Dynamic Changes , and Carbon Sequestration*. 16(5), 721. <https://doi.org/10.3390/w16050721>
- Jones, J. B., Stall, R. E., & Bouzar, H. (2004). *Diversity among xanthomonads pathogenic on pepper and tomato*. Annual Review of Phytopathology, 42, 440–462.
- Kawano, M., Ikeura, K., Taniguchi, H., Terao, M., Ichikawa, K., Higashi, T., Futamata, H., & Kimura, H. (2025). Role of organic acid-degrading bacteria in a microbial methanation system using a subterranean microbial community. *World Journal of Microbiology and Biotechnology*, 41(8). <https://doi.org/10.1007/s11274-025-04496-3>
- LeChevallier, M. W., & Au, K. K. (2004). *Water treatment and pathogen control: Process efficiency in achieving safe drinking-water*. World Health Organization (WHO).
- Lee, S. K., & Kader, A. A. (2000). Preharvest and postharvest factors influencing vitamin C content of horticultural crops. *Postharvest Biology and Technology*, 20(3), 207–220.
- Liao, H. L., Alferez, F. M., & Burns, J. K. (2019). *Microbial spoilage of fruits and vegetables*. In S. Bautista-Baños (Ed.), *Postharvest Decay: Control Strategies* (pp. 53–84). Elsevier.
- Liu, Z., Sheng, L., Zhang, X., Duan, L., Jiang, Y., & Xiao, Q. (2023). Dissolved Organic Carbon Dynamics Variability from Ponds Draining Different Landscapes in a Typical Agricultural Watershed. *Atmosphere*, 14(2). <https://doi.org/10.3390/atmos14020363>
- Lopez, C. N., Robert, M., Galbraith, M., Bercovici, S. K., Orellana, M. V., & Hansell, D. A. (2020). *High Temporal Variability of Total Organic Carbon in the Deep Northeastern Pacific*. *Frontiers in Earth Science*, 8(March), 1–11. <https://doi.org/10.3389/feart.2020.00080>

- Mayer, A. M. (2006). Polyphenol oxidases in plants and fungi: Going places? A review. *Phytochemistry*, 67(21), 2318–2331.
- Nafsin, N., & Li, J. (2022). Prediction of total organic carbon and *E. coli* in rivers within the Milwaukee River basin using machine learning methods. *Environmental Science: Advances*, 2(2), 278–293. <https://doi.org/10.1039/d2va00285j>
- Ngadze, E., Coutinho, T. A., & van der Waals, J. E. (2012). Pectinolytic bacteria: plant pathogens of importance to agriculture. *Molecular Plant Pathology*, 13(3), 314–325.
- Niu, S., Zhang, K., Li, Z., Wang, G., Li, H., Xia, Y., Tian, J., Yu, E., Gong, W., & Xie, J. (2023). *Nitrification and denitrification processes in a zero-water exchange aquaculture system: characteristics of the microbial community and potential rates*. *Frontiers in Marine Science*, 10(3), 1–14. <https://doi.org/10.3389/fmars.2023.1072911>
- Rakocy, J. E., Masser, M. P., & Losordo, T. M. (2006). *Recirculating aquaponic tank production systems: Integrating fish and plant culture (SRAC Publication No. 454)*. Southern Regional Aquaculture Center.
- Rashid, N., Ganjee, S. A., Bhat, M. S., & Ganai, B. A. (2024). Comparative biochemical analysis and GC–MS phytochemical profiling in some aquatic plants. *Chemical Papers*, 78(3), 1931–1946. <https://doi.org/10.1007/s11696-023-03217-0>
- Saalidong, B. M., Aram, S. A., Otu, S., & Lartey, P. O. (2022). Examining the dynamics of the relationship between water pH and other water quality parameters in ground and surface water systems. *PLoS ONE*, 17(1), 1–17. <https://doi.org/10.1371/journal.pone.0262117>
- Smits, T. H. M., et al. (2021). Microbial community profiles in aquaponics: aerobic vs. anaerobic niches shaped by oxygen levels. *BMC Microbiology*, 21(1), 1–12.

- Sobek, S., Tranvik, L. J., Prairie, Y. T., Kortelainen, P., & Cole, J. J. (2007). Patterns and regulation of dissolved organic carbon: An analysis of 7,500 widely distributed lakes. *Limnology and Oceanography*, 52(3), 1208–1218. <https://doi.org/10.4319/lo.2007.52.3.1208>
- Somerville, C., Cohen, M., Pantanella, E., Stankus, A., & Lovatelli, A. (2014). *Small-scale aquaponic food production: Integrated fish and plant farming (FAO Fisheries and Aquaculture Technical Paper No. 589)*. Food and Agriculture Organization of the United Nations.
- Syukri, D., Arlius, F., Jaswandi, Aisman, Yenrina, R., Azima, F., & Nakano, K. (2023). *The Changes of metabolites in Ground Chili Stored at a Fishpond and a Refrigerator*. *Current Research in Nutrition and Food Science*, 11(2), 762–771. <https://doi.org/10.12944/CRNFSJ.11.2.26>
- Syukri, D., Rini, Makky, M., Jaswandi, Azima, F., Aisman, & Arlius, F. (2023). *Observation of organoleptic of fresh ground chilies (chili puree) stored in fish ponds compared to refrigerator storage*. *IOP Conference Series: Earth and Environmental Science*, 1228(1). <https://doi.org/10.1088/1755-1315/1228/1/012007>
- Than, P. P., Prihastuti, H., Phoulivong, S., Taylor, P. W. J., & Hyde, K. D. (2008). Colletotrichum species on chili pepper (*Capsicum* spp.) in Thailand. *Plant Pathology*, 57(3), 562–572.
- Xu, Z., Zhang, X., Xie, J., Yuan, G., Tang, X., Sun, X., Yang, Z., He, J., & Yu, G. (2014). Total Nitrogen Concentrations in Surface Water of Typical Agro- and Forest Ecosystems in China, 2004–2009. *PLoS ONE*, 9(3), e92850. <https://doi.org/10.1371/journal.pone.0092850>
- Zhang, W., Han, S., Zhang, D., Jin, X., Cao, E., Shan, B., & Wei, D. (2022). Preliminary Study on the Dissolved Oxygen Recovery Process in Freshwater Ecosystems under the Coupling Effect of Oxygen-Consuming Pollutants and

Temperature. *ACS ES&T Water*, 2(10), 1639–1646.
<https://doi.org/10.1021/acsestwater.2c00150>

