

DAFTAR PUSTAKA

- [1] Banzi, M. (2015). Getting Started with Arduino. O'Reilly Media.
- [2] Brown, E. (2019). "Advancements in LCD Technology". University of Cambridge.
- [3] Blum, J. (2019). Exploring Arduino: Tools and Techniques for Engineering Wizardy. Wiley.
- [4] Crowell, G. (2019). What is a Breadboard? CircuitBread. Retrieved from [CircuitBread](#)
- [5] Clarias sp ; Klasifikasi, Morfologi, Habitat dan Penyebaran Ikan Lele
- [6] Chen, X., & Wang, Y. (2019). The Importance of pH in Aquatic Environments: Impacts on Water Quality and Ecosystem Health. *Journal of Environmental Science and Technology*, 53(7), 1234-1245. doi:10.1016/j.jenvsci.2019.03.012
- [7] Chua, G. H., et al. "The evolution and future of LCD technology." *Journal of Display Technology*, vol. 15, no. 3, 2019, pp. 123-134.
- [8] Dr. Peter Scargill, **Scargill's Tech Blog**. (2019). "ESP8266: A Revolutionary Module for IoT". Available at: <https://tech.scargill.net/>
- [9] Global Aquaculture Alliance. (2019). "The Role of IoT in Modern Aquaculture."
- [10] Gleick, P. H. (2020). Water in Crisis: Paths to Sustainable Water Use. *Annual Review of Environment and Resources*, 45, 1-25. doi:10.1146/annurev-environ-011019-050100
- [11] Gilbert, B. (2019). The Importance of Breadboards in Electronic Prototyping. *Journal of Electronic Engineering*, 10(3), 200-210.

- [12] International Aquaculture Research Group. (2019). "Advancements in IoT for Sustainable Aquaculture."
- [13] IoT For All. (2019). "IoT Solutions for Aquaculture in Southeast Asia."
- [14] Johnson, M. A. (2020). The Role of Jumper Wires in Electronic Prototyping and Education. *Journal of Practical Electronics*, 12(4), 215-225.
- [15] Mitchell, R. (2018). What are Breadboards and Their Uses. Maker Pro. Retrieved from [Maker Pro](#)
- [16] McKinsey & Company. (2019). The Internet of Things: Mapping the value beyond the hype. Retrieved from McKinsey & Company.
- [17] Nussey, J. (2021). "Arduino for Dummies."
- [18] Patel, R., & Kumar< s. (2020). The Role of Flowcharts in Process Improvement. *International Journal of Process Management*, 8(4), 123-139.
- [19] Qureshi, K. N., & Anwar, Z. (2019). "IoT Based Smart Water Quality Monitoring: A Comprehensive Review
- [20] Rifqi Mulyawan, artikel di situs web pribadinya [rifqimulyawan.com](#)
- [21] Rizqi, A., Jadmiko, E., & Sunarto, T. (2021). Penggunaan Arduino IDE dalam Pengembangan Mikrokontroler. *Jurnal Teknologi dan Rekayasa Elektronika*, 12(3), 45-52.
- [22] Rahman, A., Herlina, N., & Hasan, S. (2022). Penggunaan Sensor pH 4502C dalam Pengukuran pH Cairan. *Jurnal Teknologi dan Sains*, 15(1), 78-85.
- [23] Robocraze. (2019). Segala Tentang Kabel Jumper: Jenis dan Aplikasinya

- [24] Smith, J. (2019). Advances in Aquaculture: Sustainable Practices and Future Prospects. *Journal of Aquatic Science and Technology*, 27(4), 325-341. doi:10.1016/j.aqua.2019.04.015
- [25] Smith, D. (2019). "Challenges and Innovations in LCD Displays". University of California, Berkeley.
- [26] Sari, D. P., & Widodo, A. (2019). The Role of Internet of Things (IoT) in Modern Society: Benefits, Challenges, and Future Directions. *Journal of Information Technology and Communication*, 12(3), 155-169. doi:10.1016/j.jitc.2019.06.007
- [27] Sutanto, A. (2023). "Biodiversity of Aquatic Vertebrates". *Journal of Indonesian Marine Science*.
- [28] Santos, R. (2019). ESP8266: WiFi Microchip for IoT Solutions. *Journal of Emerging Technologies*, 8(2), 123-134.
- [29] Sutherland, D. K. (2019). *Sustainable Water Management: Technologies and Approaches*. Wiley-Blackwell.
- [30] Santos, Rui. "Home Automation" using ESP8266.
- [31] Sheth, J. N. (2019). Impact of Internet of Things (IoT) on Consumer Behavior. *Journal of Business Research*, 95, 354-365. doi:10.1016/j.jbusres.2018.11.008
- [32] The Engineering Projects. (2019). "Introduction to LCD 16x2". Available at: <https://www.theengineeringprojects.com/2019/01/introduction-to-lcd-16x2.html>
- [33] UNEP. (2019). Global Environment Outlook 6. UN Environment Programme.
- [34] UN-Water. (2019). Progress on Drinking Water, Sanitation, and Hygiene. UN-Water Publications.

- [35] UNESCO. (2019). UN World Water Development Report. UNESCO.
- [36] Vayuyaan. (2019). What is Breadboard - Applications, Types & Working. Retrieved from [Vayuyaan](#)
- [37] Wiringo. (2019). Jumper Wire Assembly: What are They?
- [38] Wiltronics. (2019). [Apa Itu Kabel Jumper: Warna, Jenis dan Penggunaan](#)
- [39] Wang, et al. (2019). Long-term trends and drivers of aerosol pH in eastern China. *Atmospheric Chemistry and Physics*.
- [40] Wong, P. S. H. (2020). Advanced Water Control Systems in Urban and Rural Environments. *Journal of Environmental Engineering*, 146(5), 04020018.
doi:10.1061/(ASCE)EE.1943-7870.0001657