DAFTAR PUSTAKA

Arduino. (2024) *Arduino Uno R3 (A000066) Product Reference Manual* [PDF]. https://docs.arduino.cc/resources/datasheets/A000066-datasheet.pdf, diakses tanggal 5 Mei 2025.

Ghany Heryana, Adang Saepudin and Andi Ciswanto (2020) "BELT CONVEYOR DESIGN FOR PRINTING BARCODE SCANNER MECHANISM", *Jurnal Teknologika*, 10(1). doi: 10.51132/teknologika.v10i1.36.

Gregory, S.D., Stevens, M.C. and Fraser, J.F. (eds.) (2017) Mechanical Circulatory and Respiratory Support. [Online]. Available at: https://www.sciencedirect.com/book/edited-volume/9780128104910/mechanical-circulatory-and-respiratory-support, Diakses tanggal 15 Mei 2025

Hendrick, Efrizon, Yultrisna, Yul Antonisfia, Silvia, Y., Botto-Tobar, M. & Humaira. (2022). *E-Nose Application for Detecting Banana Fruit Ripe Levels Using Artificial Neural Network Backpropagation Method*. International Journal of Data Science, 3(1), 11–18.

Jena, A., Bamola, A., Mishra, S., Jain, I., Pathak, N., Sharma, N., Joshi, N., Pandey, R., Kaparwal, S., Yadav, V., Gupta, A.K., Jha, A.K., Bhatt, S., Kumar, V., Naik, B., Rustagi, S., Preet, M.S. & Akhtar, S. (2024) *State-of-the-art non-destructive approaches for maturity index determination in fruits and vegetables: principles, applications, and future directions*, Food Production, Processing and Nutrition, 6, 56. https://doi.org/10.1186/s43014-023-00205-5, diakses tanggal 5 Mei 2025.

Jolliffe, I. T. and Cadima, J. (2016). Principal component analysis: a review and recent developments. *Philosophical Transactions of the Royal Society A: Mathematical, Physical and Engineering Sciences*, 374(2065), 1-16. https://royalsocietypublishing.org/doi/epdf/10.1098/rsta.2015.0202 Diakses tanggal 20 Mei 2025

Justam, Batti, S., Erlita, Fanani mz, L. and Sibiti, M. (2024) "Intelligent System for Coffee Bean Roast Level Classification Using Electronic Nose and Artificial Neural Network", *Instal : Jurnal Komputer*, 16(05), pp. 187–194. https://doi.org/10.54209/jurnalinstall.v16i05.340

Laudon, Kenneth C & Jane P, Laudon (2008) Sistem Informasi Manajemen ($10th$), Jakarta, Salemba.

Lelono, D., Triyana, K., Hartati, S. & Istiyanto, J.E. (2017) *Development of*

electronic nose with highly stable sample heater to classify quality levels of local black tea. International Journal of Advanced Science, Engineering and Information Technology, 7(2), 352–358.

Martin T. Hagan, Howard B. Demuth, Mark Hudson Beale, Orlando De Jesús, 2014, Neural Network Design (2 th), Martin Hagan, Kansas

Murad, M., Sukmawaty, S., Ansar, A., Sabani, R. & Hidayat, S. (2022) 'Sistem Pendeteksi Kerusakan Buah Mangga Menggunakan Sensor Gas dengan Metode DCS-LCA', *Jurnal Teknologi Informasi dan Multimedia (JTIM)*, 3(4), pp. 186–194.

Nugroho, A. A., Wijaya, W., Hendry, J., & Sumanto, B. (2022). Seleksi Fitur Aroma Teh Kombucha Menggunakan ANN untuk Optimasi Kinerja Sistem E-nose. ELKOMIKA Jurnal Teknik Energi Elektrik, Teknik Telekomunikasi, Teknik Elektronika, 10(2), pp. 334-349. https://doi.org/10.26760/elkomika.v10i2.334

Putra, J. W. G. (2020) *Pengenalan Konsep Pembelajaran Mesin dan Deep Learning*. [E-book] Diakses dari: https://wiragotama.github.io/resources/ebook/intro-to-ml-secured.pdf, Diakses tanggal 10 Mei 2025.

Rezaee, Z., Mohtasebi, S.S. & Firouz, M.S. An electronic nose system supported by machine learning techniques for rapid detection of aspergillus flavus in pistachio. *Food Measure* 18, 5757–5765 (2024). https://doi.org/10.1007/s11694-024-02606-7

S. S. Patil, S. S. Shinde, and S. S. Shinde, "*Electronic nose*: a review," International Journal of Engineering Science and Innovative Technology (IJESIT), vol. 2, no. 6, pp. 216-223, 2013.

Soedarmaji, A., & Ediati, R. (2014). *Identifikasi Kematangan Buah Tropika Berbasis Sistem Penciuman Elektronik Menggunakan Deret Sensor Sas Semikonduktor Dengan Metode Jaringan Syaraf Tiruan*. Jurnal Keteknikan Pertanian, 25(1).

Ulfa, M., Haryanto & Wibisono, K.A. (2019) 'Desain Sistem Pengenalan dan Klasifikasi Kopi Bubuk Bermerek dengan Menggunakan *Electronic Nose* Berbasis Artificial Neural Network (ANN)', *J-Eltrik*, 1(2), pp. —. https://doi.org/10.30649/j-eltrik.v1i2.15