

DAFTAR PUSTAKA

- [1] N. A. Nafiasari and A. M. Handayani, "PENGANALISIS KESEGERAN DAGING SAPI DAN DAGING BABI MENTAH BERDASARKAN KLASIFIKASI WARNA DAN KELEMBABAN," *Jurnal Teknosains*, vol. 8, no. 1, p. 66, Jan. 2019, doi: 10.22146/teknosains.35643.
- [2] P. Purwono, H. Hadiyanto, and M. A. Budihardjo, "Equilibrium of Ammonia (NH₃) and Ammonium (NH₄⁺) during Microalgae Harvesting using Electrocoagulation," *International Journal of Engineering, Transactions A: Basics*, vol. 36, no. 3, pp. 565–572, Mar. 2023, doi: 10.5829/ije.2023.36.03c.17.
- [3] F. X. Wei, X. F. Hu, R. N. Sa, F. Z. Liu, S. Y. Li, and Q. Y. Sun, "Antioxidant capacity and meat quality of broilers exposed to different ambient humidity and ammonia concentrations," *Genetics and Molecular Research*, vol. 13, no. 2, pp. 3117–3127, Apr. 2014, doi: 10.4238/2014.April.17.8.
- [4] N. T. Phan, K. H. Kim, E. C. Jeon, U. H. Kim, J. R. Sohn, and S. K. Pandey, "Analysis of volatile organic compounds released during food decaying processes," *Environ Monit Assess*, vol. 184, no. 3, pp. 1683–1692, Mar. 2012, doi: 10.1007/s10661-011-2070-2.
- [5] M. L. G. Monteiro, E. T. Mársico, and C. A. Conte Junior, "Procedimentos ômicos aplicados em qualidade e segurança de pescado," 2017, *Universidade de Sao Paulo. Faculdade de Medicina Veterinaria e Zootecnia*. doi: 10.11606/issn.1678-4456.bjvras.2017.114234.
- [6] J. Waworundeng, "Design Prototype Detector of Temperature, Humidity, and Air Quality using Sensors, Microcontrollers, Solar Cells, and IoT," *Cogito Smart Journal* |, vol. 9, no. 2, 2023.
- [7] S. Matindoust, A. Farzi, M. Baghaei Nejad, M. H. Shahrokh Abadi, Z. Zou, and L. R. Zheng, "Ammonia gas sensor based on flexible polyaniline films for rapid detection of spoilage in protein-rich foods," *Journal of Materials Science: Materials in Electronics*, vol. 28, no. 11, pp. 7760–7768, Jun. 2017, doi: 10.1007/s10854-017-6471-z.
- [8] A. N. Damdam, L. O. Ozay, C. K. Ozcan, A. Alzahrani, R. Helabi, and K. N. Salama, "IoT-Enabled Electronic Nose System for Beef Quality Monitoring and Spoilage Detection," *Foods*, vol. 12, no. 11, Jun. 2023, doi: 10.3390/foods12112227.
- [9] I. G. D. Nugraha, G. T. Wijaya, and K. Ramli, "IMPROVING MEAT EXPIRATION TIME PREDICTION USING THE INTERNET OF THINGS AND POLYNOMIAL REGRESSION," *ASEAN Engineering Journal*, vol. 12, no. 1, pp. 197–205, Mar. 2022, doi: 10.11113/AEJ.V12.17340.

- [10] J. H. Cho and H. Lee, "Optimization of machine learning in various situations using ICT-based TVOC sensors," *Micromachines (Basel)*, vol. 11, no. 12, pp. 1–13, Dec. 2020, doi: 10.3390/mi11121092.
- [11] D. M. G. Preethichandra, M. D. Gholami, E. L. Izake, A. P. O'Mullane, and P. Sonar, "Conducting Polymer Based Ammonia and Hydrogen Sulfide Chemical Sensors and Their Suitability for Detecting Food Spoilage," Feb. 24, 2023, *John Wiley and Sons Inc.* doi: 10.1002/admt.202200841.
- [12] C. C. Chen and C. W. Chien, "Integrating Logis Regression and XGBoost to Construct Indoor Air Quality Improvement Research," in *E3S Web of Conferences*, EDP Sciences, Jun. 2023. doi: 10.1051/e3sconf/202339601021.
- [13] R. S. W. Ahmed K, V. R R, and R. K, "Machine Learning Algorithm Based Meat Spoilage Detection: To Avoid Foodborne Infection," *International Research Journal on Advanced Science Hub*, vol. 5, no. Issue 05S, pp. 314–320, May 2023, doi: 10.47392/irjash.2023.s042.
- [14] A. Allana and A. Chua, "FUZZY LOGIC PROGRAM FOR BUS INDOOR ENVIRONMENTAL ASSESSMENT," 2021.
- [15] F. M. Amin, "Identifikasi Citra Daging Ayam Berformalin Menggunakan Metode Fitur Tekstur dan K-Nearest Neighbor (K-NN)," *Jurnal Matematika "MANTIK"*, vol. 4, no. 1, pp. 68–74, May 2018, doi: 10.15642/mantik.2018.4.1.68-74.
- [16] D. R. Wijaya, R. Sarno, E. Zulaika, and S. I. Sabila, "Development of mobile electronic nose for beef quality monitoring," in *Procedia Computer Science*, Elsevier B.V., 2017, pp. 728–735. doi: 10.1016/j.procs.2017.12.211.
- [17] N. Caglayan, H. Kursat Celik, and A. Rennie, "Fuzzy Logic Based Ventilation for Controlling Harmful Gases in Livestock Houses."
- [18] V. A. Binson and S. Thomas, "Development of a Mobile E-Nose System for Real-Time Beef Quality Monitoring and Spoilage Detection", doi: 10.3390/xxxxx.
- [19] A. A. Putri, S. Fuada, and E. Setyowati, "Sistem Pendeteksi Kadar Gas Amonia Menggunakan MQ-137 Pada Air Berbasis Internet of Things dengan Aplikasi Blynk di Android."
- [20] D. J. B. Felias, D. P. Mondea, J. T. Dellosa, and R. N. Mendoza, "Design and development of an Internet of Things (IoT)-based Air Quality Monitoring for Libjo Mining Corporation," in *International Exchange and Innovation Conference on Engineering and Sciences*, Kyushu University, 2024, pp. 365–370. doi: 10.5109/7323287.
- [21] M. I. P. Slamet, H. Hindarto, and S. Sumarno, "Determining Tilapia Quality Using the Fuzzy Logic," *Journal of Computer Networks, Architecture and High Performance Computing*, vol. 5, no. 1, pp. 67–74, Jan. 2023, doi: 10.47709/cnahpc.v5i1.2016.
- [22] H. A. Sujono and A. S. Faris, "Design of A Beef Freshness Detector based on Color and Scent with the Mamdani Fuzzy Method," *Przegląd Elektrotechniczny*, vol. 2024, no. 2, pp. 92–96, 2024, doi: 10.15199/48.2024.02.18.

- [23] S. S. Syed Ahmad, S. M. Yung, N. Kausar, Y. Karaca, D. Pamucar, and N. Al Din Ide, "Nonlinear Integrated Fuzzy Modeling to Predict Dynamic Occupant Environment Comfort for Optimized Sustainability," *Sci Program*, vol. 2022, 2022, doi: 10.1155/2022/4208945.