

## DAFTAR PUSTAKA

- Anhar, A., & Putra, R. A. (2023). Perancangan dan Implementasi Self-Checkout System pada Toko Ritel menggunakan Convolutional Neural Network (CNN). *ELKOMIKA: Jurnal Teknik Energi Elektrik, Teknik Telekomunikasi, & Teknik Elektronika*, 11(2), 466.
- Ayu, T., Dwi, V., & Minarno, A. E. (2021). Pendiagnosa Daun Mangga Dengan Model Convolutional Neural Network. *CESS (Journal of Computer Engineering, System and Science)*, 6(2), 230.
- Benatar, G. V., Nurhayati, Y., & Febryani, N. (2023). Identifikasi Colletotrichum asianum Penyebab Antraknosa Mangga Kultivar Golek di Indramayu. *Media Pertanian*, 8(1), 1–13.
- Christyanto, N. E., Jonemaro, E. M. A., & Yudistira, N. (2022). Pengembangan Aplikasi Android Presensi Kehadiran Realtime menggunakan Pengenalan Wajah dengan Model Facenet. *Jurnal Pengembangan Teknologi Informasi dan Ilmu Komputer*, 6(10), 4839–4847.
- Es-Sabery, F., Hair, A., Qadir, J., Sainz-De-Abajo, B., Garcia-Zapirain, B., & Torre-Diez, I. (2021). Sentence-Level Classification Using Parallel Fuzzy Deep Learning Classifier. *IEEE Access*, 9, 17943–17985.
- Fathurrahman, I., Mahpuz, Djameluddin, M., Wijaya, L. K., & Wahidah, I. (2025). Pengembangan Model Convolutional Neural Network (CNN) untuk Klasifikasi Penyakit Kulit Berbasis Citra Digital. *Infotek: Jurnal Informatika dan Teknologi*, 8(1), 298–308.
- Faye, D., Diop, I., Mbaye, N., Dione, D., & Diedhiou, M. M. (2024). *Mango Fruit Diseases Severity Estimation based on Image Segmentation and Deep Learning*. In Review. <https://www.researchsquare.com/article/rs-4395003/v1>
- Galsurker, O., Diskin, S., Duanis-Assaf, D., Doron-Faigenboim, A., Maurer, D., Feygenberg, O., & Alkan, N. (2020). Harvesting Mango Fruit with a Short Stem-End Altered Endophytic Microbiome and Reduce Stem-End Rot. *Microorganisms*, 8(4), 558.
- Herdiyanto, A. A., Hidayat, N., & Dewi, R. K. (2019). Sistem Diagnosis Penyakit Tanaman Mangga Menggunakan Metode Bayesian Network. *Jurnal Pengembangan Teknologi Informasi dan Ilmu Komputer*, 3(4), 3597–3602.

- Johannes, E., Laga, A., Litaay, M., Manguntungi, B., Tuwo, M., Gani, F., Mustopa, A. Z., & Vanggy, L. R. (2023). Application of Aglao E Unhas Compound from *Aglaophenia cupressina* Lamoureux against *Colletotrichum gloeosporioides* on Strawberry and *Aspergillus niger* on Mango. *Philippine Journal of Science*, 152(3), 945–955.
- Kalaivani, R., & Saravanan, A. (2024). A CONV-EGBDNN Model for the Classification and Detection of Mango Diseases on Diseased Mango Images utilizing Transfer Learning. *Engineering, Technology & Applied Science Research*, 14(3), 14349–14354.
- Karlam, A. (2019). *Adaptive Moment Estimation Pada Convolutional Neural Network Untuk Pengenalan Motif Kain Batik*. Universitas Komputer Indonesia.
- Karunanayake, K. O. L. C., & Adikaram, N. K. B. (2020). Stem-end rot in major tropical and sub-tropical fruit species. *Ceylon Journal of Science*, 49(5), 327.
- Kavaturu, U. K. (2023, June 21). *Confusion Matrix—An easy way to remember and use*. Uday Kiran's Tech Blog. <https://udaykiran.tech/confusion-matrix-an-easy-way-to-remember-and-use>
- Khan, S., Rahmani, H., Shah, S. A. A., & Bennamoun, M. (2018). *A Guide to Convolutional Neural Networks for Computer Vision*. Morgan & Claypool Publishers.
- Li, J., Mao, L., Zhang, Y., Zhang, L., & Jiang, H. (2018). Phytochemical changes in mango fruit in response to *Alternaria alternata* infection. *Czech Journal of Food Sciences*, 36(3), 227–232.
- Mehta, I. (2017). History of Mango – ‘King of Fruits.’ *International Journal of Engineering Science Invention*, 7(7), 20–24.
- Muharram, R. F., & Suryadi, A. (2022). Implementasi artificial intelligence untuk deteksi masker secara realtime dengan tensorflow dan ssdmobilenet Berbasis python. *Jurnal Widya*, 3(2), 281–290.
- Muslimah, V., Herman, Sunardi, Lonang, S., Yudhana, A., Biddinika, M. K., Mawarni, S. S., Murinto, Fitriah, Riadi, I., Masitha, A., Abdurrachman, F. I., Umar, R., Maftukhah, A., & Fadlil, A. (2024). *Kemajuan dalam Ilmu Informatika: Dari Decision Support System Menuju Artificial Intelligence*. UAD Press.

- Nurhidayat, R., & Dewi, K. E. (2023). Penerapan Algoritma K-Nearest Neighbor dan Fitur Ekstraksi N-Gram dalam Analisis Sentimen Berbasis Aspek. *Komputa : Jurnal Ilmiah Komputer dan Informatika*, 12(1), 91–100.
- Paraijun, F., Aziza, R. N., & Kuswardani, D. (2022). Implementasi Algoritma Convolutional Neural Network Dalam Mengklasifikasi Kesegaran Buah Berdasarkan Citra Buah. *KILAT*, 11(1), 1–9.
- Ploetz, R. C. (2003). 15 Diseases of mango. In R. C. Ploetz (Ed.), *Diseases of tropical fruit crops* (1st ed., pp. 327–363). CABI Publishing. <http://www.cabidigitallibrary.org/doi/10.1079/9780851993904.0327>
- Pradana, D. S., Suprpto, & Rahayudi, B. (2018). Sistem Pakar Pendeteksi Hama dan Penyakit Tanaman Mangga Menggunakan Metode Iterative Dichotomiser Tree (ID3). *Jurnal Pengembangan Teknologi Informasi dan Ilmu Komputer*, 2(7), 2713–2720.
- Pratama, A. T. M., & Pratama, A. R. (2021). Rancang Bangun Aplikasi Android “Kuliah Apa?” Berbasis Flutter dan TensorFlow Lite. *AUTOMATA*, 2(1), Article 1.
- Putra, I. W. S. E. (2016). Klasifikasi Citra Menggunakan Convolutional Neural Network (CNN) pada Caltech 101. *Jurnal Teknik ITS*, 5(1), A65–A69.
- Raghav, P. (2018). Understanding of Convolutional Neural Network (CNN)—Deep Learning. *Medium*. <https://medium.com/@RaghavPrabhu/understanding-of-convolutional-neural-network-cnn-deep-learning-99760835f148>
- Ratna, S. (2020). Pengolahan Citra Digital dan Histogram dengan Phyton Dan Text Editor Phycharm. *Technologia: Jurnal Ilmiah*, 11(3), 181.
- Santoso, A., & Ariyanto, G. (2018). Implementasi Deep Learning berbasis Keras untuk Pengenalan Wajah. *Emitor: Jurnal Teknik Elektro*, 18(1), 15–21.
- Sibuea, S., Saputro, M. I., Annan, A., & Widodo, Y. B. (2022). Aplikasi Mobile Collection Berbasis Android pada Pt. Suzuki Finance Indonesia. *Jurnal Informatika Dan Tekonologi Komputer (JITEK)*, 2(1), 31–42.
- Srivastava, N., Hinton, G., Krizhevsky, A., Sutskever, I., & Salakhutdinov, R. (2014). Dropout: A Simple Way to Prevent Neural Networks from Overfitting. *Journal of Machine Learning Research*, 15(56), 1929–1958.

- Suriya, M., Chandran, V., & Sumithra, M. G. (2022). Enhanced deep convolutional neural network for malarial parasite classification. *International Journal of Computers and Applications*, 44(12), 1113–1122.
- Sya'bani, D. R., Hamzah, A., & Susanti, E. (2022). Klasifikasi Buah Segar dan Busuk Menggunakan Algoritma Convolutional Neural Network dengan Tflite Sebagai Media Penerapan Model Machine Learning. *PROSIDING SNAST*, F7-16.
- Uddin, N., Shefat, S. H. T., Afroz, M., & Moon, N. J. (2018). *Management of Anthracnose Disease of Mango Caused by Colletotrichum gloeosporioides*. 2(10).
- Wardani, K. R., & Leonardi, L. (2023). Klasifikasi Penyakit pada Daun Anggur menggunakan Metode Convolutional Neural Network. *Jurnal Tekno Insentif*, 17(2), 112–126.
- Wikarsa, L., Angdresey, A., & Sombouwadil, T. (2022). Detection of the Types of Consumable Saltwater Fish in the Coastal Area of Likupang: Uses the Convolutional Neural Network Method. *Jurnal Pekommas*, 7(2), 133–143.