

DAFTAR PUSTAKA

- Amelia, A.N., Anwar, S. & Karno (2023) ‘Pertumbuhan dan produksi tanaman kentang (*Solanum tuberosum* L.) akibat aplikasi giberelin dan paclobutrazol di dataran medium’, *Agricultural and Environmental Science Journal*, 2(1), hlm. 1–8. e-ISSN 2985-4482.
- Ariadi, B.Y., Mazwan, M.Z., Amir, N.O. & Shodiq, W.M. (2023) *Agribisnis kentang di Malang Raya: pendekatan konsep structure–conduct– performance*. Malang: Zahra Publisher
- Awasthi Lp dan Verma Hn (2017) “Current status of viral diseases of potato and their ecofriendly management -A critical review,” *Virology: Research and Reviews*, 1(4). Tersedia pada: <https://doi.org/10.15761/VRR.1000122>.
- Baser, P., Saini, J.R. dan Kotecha, K. (2023) “TomConv: An Improved CNN Model for Diagnosis of Diseases in Tomato Plant Leaves,” *Procedia Computer Science*, 218, hlm. 1825–1833. Tersedia pada: <https://doi.org/10.1016/j.procs.2023.01.160>.
- Bilmes, J. (2020) “Underfitting and Overfitting in Machine Learning.”
- Campos, H. dan Ortiz, O. (ed.) (2020) *The Potato Crop: Its Agricultural, Nutritional and Social Contribution to Humankind*. Cham: Springer International Publishing. Tersedia pada: <https://doi.org/10.1007/978-3-030-28683-5>.
- Elharrouss, O. dkk. (2025) “Task-based Loss Functions in Computer Vision: A Comprehensive Review.” arXiv. Tersedia pada: <https://doi.org/10.48550/arXiv.2504.04242>.
- Géron, A. (2019) *Hands-on machine learning with Scikit-Learn, Keras, and TensorFlow: concepts, tools, and techniques to build intelligent systems*. Second edition. Beijing Boston Farnham Sebastopol Tokyo: O’Reilly.
- Ghandi, S., Ma’ruf Nugroho, I. dan Raymond Ramadhan, Y. (2024) “Penerapan Metode *Convolutional Neural Network* (CNN) Dalam Aplikasi Pendeteksi Penyakit Daun Tanaman Kentang Berbasis Android,” *JATI (Jurnal Mahasiswa Teknik Informatika)*, 8(5), hlm. 8701–8708. Tersedia pada: <https://doi.org/10.36040/jati.v8i5.10769>.
- Ghosh, A. dkk. (2020) “Fundamental Concepts of Convolutional Neural Network,” dalam V.E. Balas, R. Kumar, dan R. Srivastava (ed.) *Recent Trends and Advances in Artificial Intelligence and Internet of Things*. Cham: Springer International Publishing (Intelligent Systems Reference Library), hlm. 519–567. Tersedia pada: https://doi.org/10.1007/978-3-030-32644-9_36.
- Gopal, J. dan Khurana, S.M.P. (ed.) (2006) *Handbook of potato production, improvement, and postharvest management*. New York: Food Products Press.

- Hossin M dan Sulaiman M.N (2015) “A Review on Evaluation Metrics for Data Classification Evaluations,” *International Journal of Data Mining & Knowledge Management Process*, 5(2), hlm. 01–11. Tersedia pada: <https://doi.org/10.5121/ijdkp.2015.5201>.
- Hsiao, T.-Y. dkk. (2019) “Filter-based deep-compression with global average pooling for convolutional networks,” *Journal of Systems Architecture*, 95, hlm. 9–18. Tersedia pada: <https://doi.org/10.1016/j.sysarc.2019.02.008>.
- I Gede Rian Lanang Oka dkk. (2025) “Performance Comparison of MobileNetV2 and NASNetMobile Architectures in Soybean Leaf Disease Classification,” *Indonesian Journal of Data and Science*, 6(2), hlm. 251–259. Tersedia pada: <https://doi.org/10.56705/ijodas.v6i2.243>.
- Indolia, S. dkk. (2018) “Conceptual Understanding of Convolutional Neural Network- A Deep Learning Approach,” *Procedia Computer Science*, 132, hlm. 679–688. Tersedia pada: <https://doi.org/10.1016/j.procs.2018.05.069>.
- Islam, M.A. (2024) “Potato Leaf Disease Dataset.” Tersedia pada: <https://www.kaggle.com/datasets/shahadhossin567r7455/potato-leaf-disease-dataset>.
- Keras (n.d.) “Keras Applications.” Tersedia pada: <https://keras.io/api/applications/>.
- Lesmana, A.M., Fadhillah, R.P. dan Rozikin, C. (2022) “Identifikasi Penyakit pada Citra Daun Kentang Menggunakan *Convolutional Neural Network* (CNN),” *Jurnal Sains dan Informatika*, 8(1), hlm. 21–30. Tersedia pada: <https://doi.org/10.34128/jsi.v8i1.377>.
- Mishra, U. dkk. (2025) “Deep learning-based disease detection in potato and mango leaves: a comparative study of CNN, AlexNet, ResNet, and EfficientNet,” *Scientific Reports*, 16(1), hlm. 2788. Tersedia pada: <https://doi.org/10.1038/s41598-025-32607-5>.
- Pickup, J. (2002) “Potato cyst nematodes - a technical overview for Scotland.”
- Rahman, S. dkk. (2021) *Convolutional Neural Network Untuk Visi Komputer*. Sleman: Deepublish.
- Rijal, M., Yani, A.M. dan Rahman, A. (2024) “Deteksi Citra Daun untuk Klasifikasi Penyakit Padi menggunakan Pendekatan Deep Learning dengan Model CNN,” *Jurnal Teknologi Terpadu*, 10(1), hlm. 56–62. Tersedia pada: <https://doi.org/10.54914/jtt.v10i1.1224>.
- Rinawati, E. (2025). Analisis kinerja perdagangan komoditas kentang. Volume 12, Nomor 2F. Jakarta: Pusat Data dan Sistem Informasi Pertanian, Kementerian Pertanian Republik Indonesia

- Sandler, M. *dkk.* (2019) “MobileNetV2: Inverted Residuals and Linear Bottlenecks.” arXiv. Tersedia pada: <https://doi.org/10.48550/arXiv.1801.04381>.
- Saragih, R.E. dan Emanuel, A.W.R. (2021) “Banana Ripeness Classification Based on Deep Learning using Convolutional Neural Network,” *2021 3rd East Indonesia Conference on Computer and Information Technology (EIconCIT)*. *2021 3rd East Indonesia Conference on Computer and Information Technology (EIconCIT)*, Surabaya, Indonesia: IEEE, hlm. 85–89. Tersedia pada: <https://doi.org/10.1109/EIconCIT50028.2021.9431928>.
- Sasmal, B. *dkk.* (2026) “A novel potato leaf dataset for detection and classification of potato leaf diseases.” Tersedia pada: <https://data.mendeley.com/datasets/mwbwbdzz7z/1>.
- Shabrina, N.H. *dkk.* (2024) “A novel dataset of potato leaf disease in uncontrolled environment,” *Data in Brief*, 52, hlm. 109955. Tersedia pada: <https://doi.org/10.1016/j.dib.2023.109955>.
- Shah, V. dan Sajnani, N. (2020) “Multi-Class Image Classification using CNN and Tflite,” *International Journal of Research in Engineering, Science and Management*, 3(11), hlm. 65–68. Tersedia pada: <https://doi.org/10.47607/ijresm.2020.375>.
- Sharma, Siddharth, Sharma, Simone dan Athaiya, A. (2020) “Activation Functions In Neural Networks,” *International Journal of Engineering Applied Sciences and Technology*, 04(12), hlm. 310–316. Tersedia pada: <https://doi.org/10.33564/IJEAST.2020.v04i12.054>.
- Smyth, N. (2015) *Android Studio development essentials*. Second edition. United States? eBookFrenzy.
- Solomon, C. dan Breckon, T. (2011) *Fundamentals of digital image processing: a practical approach with examples in Matlab*. Chichester: Wiley-Blackwell. Tersedia pada: <https://doi.org/10.1002/9780470689776>.
- Tan, M. *dkk.* (2019) “MnasNet: Platform-Aware Neural Architecture Search for Mobile.” arXiv. Tersedia pada: <https://doi.org/10.48550/arXiv.1807.11626>.
- TensorFlow (n.d) “SparseCategoricalCrossentropy.” Tersedia pada: https://www.tensorflow.org/api_docs/python/tf/keras/losses/SparseCategoricalCrossentropy.
- Utomo, P.T., Santoso, B. dan Kacung, S. (2025) “Sistem Deteksi Penyakit Pada Daun Tanaman Kentang Menggunakan Metode CNN Arsitektur VGG-Net,” *Jurnal Informatika Teknologi dan Sains (JINTEKS)*, 7(2), pp. 777–784
- Vreugdenhil, D. dan Bradshaw, J. (ed.) (2007) *Potato biology and biotechnology: advances and perspectives*. 1st ed. Oxford, OX, UK : San Diego, CA: Elsevier.

- Zhao, L. dan Zhang, Z. (2024) “A improved pooling method for convolutional neural networks,” *Scientific Reports*, 14(1), hlm. 1589. Tersedia pada: <https://doi.org/10.1038/s41598-024-51258-6>.
- Zoph, B. *dkk.* (2018) “Learning Transferable Architectures for Scalable Image Recognition,” *2018 IEEE/CVF Conference on Computer Vision and Pattern Recognition. 2018 IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR)*, Salt Lake City, UT: IEEE, hlm. 8697–8710. Tersedia pada: <https://doi.org/10.1109/CVPR.2018.00907>.