

DAFTAR PUSTAKA

- Cerkauskas R. (2004). *Cercospora leaf spot*.
- Dosovitskiy, A., Beyer, L., Kolesnikov, A., Weissenborn, D., Zhai, X., Unterthiner, T., Dehghani, M., Minderer, M., Heigold, G., Gelly, S., Uszkoreit, J., & Houlsby, N. (2021). *An Image is Worth 16x16 Words: Transformers for Image Recognition at Scale*. arXiv. <https://doi.org/10.48550/arXiv.2010.11929>
- Ergün, E. (2025). Attention-enhanced hybrid deep learning model for robust mango leaf disease classification via ConvNeXt and vision transformer fusion. *Frontiers in Plant Science*, 16, 1638520. <https://doi.org/10.3389/fpls.2025.1638520>
- Fahrozi, H., Adiansyah, R. R., Samit, Z., Sujiliani, S., Santoso, R., & Apriana, V. (2026). Sistem Kecerdasan Buatan Untuk Deteksi Kondisi Daun Berbasis Metode Klasifikasi. *Jurnal Teknologi Dan Sistem Informasi Bisnis*, 8(1), 16–25. <https://doi.org/10.47233/jteksis.v8i1.2315>
- Faouzi, A. (2025). ANALISIS PERFORMA METODE CONVOLUTIONAL NEURAL NETWORK DENGAN ARSITEKTUR CONVNEXT DALAM KLASIFIKASI VARIETAS. *ARTIFICIAL INTELLIGENCE*, 06(02).
- Ferentinos, K. P. (2018). Deep learning models for plant disease detection and diagnosis. *Computers and Electronics in Agriculture*, 145, 311–318. <https://doi.org/10.1016/j.compag.2018.01.009>
- Goodfellow Ian Bengio Yoshua, & Courville Aaron. (2016). *Deep learning*.
- Gullan Penny J, & Cranston Peter S. (2014). *The insects: an outline of entomology*.
- Guo, Y., Lan, Y., & Chen, X. (2022). CST: Convolutional Swin Transformer for detecting the degree and types of plant diseases. *Computers and Electronics in Agriculture*, 202, 107407. <https://doi.org/10.1016/j.compag.2022.107407>
- Haryono Semangun. (2007). *Penyakit-penyakit Tanaman Hortikultura di Indonesia*. Gadjah Mada University Press (UGM Press).
- Huang, X., Xu, D., Chen, Y., Zhang, Q., Feng, P., Ma, Y., Dong, Q., & Yu, F. (2025). EConv-ViT: A strongly generalized apple leaf disease classification model based on the fusion of ConvNeXt and Transformer. *Information Processing in Agriculture*, 12(4), 466–477. <https://doi.org/10.1016/j.inpa.2025.03.001>
- Kamilaris, A., & Prenafeta-Boldú, F. X. (2018). Deep learning in agriculture: A survey. *Computers and Electronics in Agriculture*, 147, 70–90. <https://doi.org/10.1016/j.compag.2018.02.016>
- Karthik, R., Ajay, A., Singh Bisht, A., Illakiya, T., & Suganthi, K. (2024). A Deep Learning

- Approach for Crop Disease and Pest Classification Using Swin Transformer and Dual-Attention Multi-Scale Fusion Network. *IEEE Access*, 12, 152639–152655.
<https://doi.org/10.1109/ACCESS.2024.3481675>
- Kenyon, L., Kumar, S., Tsai, W.-S., & Hughes, J. d'A. (2014). Virus diseases of peppers (*Capsicum spp.*) and their control. Dalam *Advances in virus research* (Vol. 90, hlm. 297–354). Elsevier.
- Kenyon Lawrence, Kumar Sanjeet, Tsai Wen-Shi, & Hughes Jacqueline d'A. (2014). *Virus diseases of peppers (Capsicum spp.) and their control*.
- Krizhevsky, A., Sutskever, I., & Hinton, G. E. (2017). ImageNet classification with deep convolutional neural networks. *Communications of the ACM*, 60(6), 84–90.
<https://doi.org/10.1145/3065386>
- LeCun, Y., Bengio, Y., & Hinton, G. (2015). Deep learning. *Nature*, 521(7553), 436–444.
<https://doi.org/10.1038/nature14539>
- Liu, Z., Lin, Y., Cao, Y., Hu, H., Wei, Y., Zhang, Z., Lin, S., & Guo, B. (2021a). Swin Transformer: Hierarchical Vision Transformer using Shifted Windows. *2021 IEEE/CVF International Conference on Computer Vision (ICCV)*, 9992–10002.
<https://doi.org/10.1109/ICCV48922.2021.00986>
- Liu, Z., Lin, Y., Cao, Y., Hu, H., Wei, Y., Zhang, Z., Lin, S., & Guo, B. (2021b). *Swin Transformer: Hierarchical Vision Transformer using Shifted Windows*. arXiv.
<https://doi.org/10.48550/ARXIV.2103.14030>
- Liu, Z., Mao, H., Wu, C.-Y., Feichtenhofer, C., Darrell, T., & Xie, S. (2022). *A ConvNet for the 2020s*.
- N. Gunaeni, A. W. Wulandari, & A. Muharam. (2015). *Kejadian penyakit virus kuning dan keriting pada beberapa varietas cabai merah di sentra produksi*. 25, 244–250.
- P, A. R. K., & S, G. (2023). ConvNeXt-based Mango Leaf Disease Detection: Differentiating Pathogens and Pests for Improved Accuracy. *International Journal of Advanced Computer Science and Applications*, 14(6).
<https://doi.org/10.14569/IJACSA.2023.0140608>
- P. Narayanasamy. (2011). *Microbial Plant Pathogens-Detection and Disease Diagnosis: Viral and Viroid Pathogens (Vol. 3)*. pringer Science & Business Media.
- Raschka, S. (2018). *Model Evaluation, Model Selection, and Algorithm Selection in Machine Learning*. arXiv. <https://doi.org/10.48550/ARXIV.1811.12808>
- Shorten, C., & Khoshgoftaar, T. M. (2019). A survey on Image Data Augmentation for Deep Learning. *Journal of Big Data*, 6(1), 60. <https://doi.org/10.1186/s40537-019-0197-0>
- Sokolova, M., & Lapalme, G. (2009). A systematic analysis of performance measures for

- classification tasks. *Information Processing & Management*, 45(4), 427–437.
<https://doi.org/10.1016/j.ipm.2009.03.002>
- Sun, Y., Ning, L., Zhao, B., & Yan, J. (2024). Tomato Leaf Disease Classification by Combining EfficientNetv2 and a Swin Transformer. *Applied Sciences*, 14(17), 7472.
<https://doi.org/10.3390/app14177472>
- Taufiqurrahman, R. W., Yudistira, N., & Widodo, A. W. (t.t.). *PENERAPAN MODEL VISION TRANSFORMER DALAM KLASIFIKASI HAMA PADA PERTANIAN*.
- Tharwat, A. (2021). Classification assessment methods. *Applied Computing and Informatics*, 17(1), 168–192. <https://doi.org/10.1016/j.aci.2018.08.003>
- W. Setiawati, R. Murtiningsih, & G. A. Sopha. (2005). *Petunjuk Teknis Budidaya Cabai Merah*. Balai Penelitian Tanaman Sayuran (BALITSA).
- Wahyuni, T. S., Satriani, R., & Mandamdari, A. N. (2024). Pengaruh Fluktuasi Harga Cabai Rawit Merah Terhadap Inflasi di Kabupaten Banyumas. *Mimbar Agribisnis : Jurnal Pemikiran Masyarakat Ilmiah Berwawasan Agribisnis*, 10(2), 1866.
<https://doi.org/10.25157/ma.v10i2.13684>
- Wang, X., Wang, Y., Zhao, J., & Niu, J. (2023). ECA-ConvNeXt: A Rice Leaf Disease Identification Model Based on ConvNeXt. *2023 IEEE/CVF Conference on Computer Vision and Pattern Recognition Workshops (CVPRW)*, 6235–6243.
<https://doi.org/10.1109/CVPRW59228.2023.00663>
- Wince Amsyah Natalia Zai, Putri Khide Talenta Mendrofa, Ardianus Berkat Saleh Waruwu, Putra Hidayat Telaumbanua, & Ayler Beniah Ndraha. (2025). Hama dan Penyakit pada Tanaman Cabai Rawit yang Dibudidayakan di dalam Polybag. *Flora : Jurnal Kajian Ilmu Pertanian dan Perkebunan*, 2(1), 139–151. <https://doi.org/10.62951/flora.v2i1.254>
- Woo, S., Debnath, S., Hu, R., Chen, X., Liu, Z., Kweon, I. S., & Xie, S. (2023). ConvNeXt V2: Co-designing and Scaling ConvNets with Masked Autoencoders. *2023 IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR)*, 16133–16142.
<https://doi.org/10.1109/CVPR52729.2023.01548>
- Yu, S., Xie, L., & Dai, L. (2025). ST-CFI: Swin Transformer with convolutional feature interactions for identifying plant diseases. *Scientific Reports*, 15(1), 25000.
<https://doi.org/10.1038/s41598-025-08673-0>
- Zhuang, F., Qi, Z., Duan, K., Xi, D., Zhu, Y., Zhu, H., Xiong, H., & He, Q. (2021). A Comprehensive Survey on Transfer Learning. *Proceedings of the IEEE*, 109(1), 43–76.
<https://doi.org/10.1109/JPROC.2020.3004555>

Kohavi, R. (1995). *A study of cross-validation and bootstrap for accuracy estimation and model selection*. 14(2), 1137–1145.

Prechelt, L. (2002). Early stopping-but when? In *Neural Networks: Tricks of the trade* (Version 255, pp. 55–69). Springer.

