

DAFTAR PUSTAKA

- Allali, M. A., Bousahba, N., Hadj Kaddour, H., Nedjari, A., & Guetarni, H. (2024). *Yolov8n-Seg For Plants Disease Detection And Instance Segmentation* (Pp. 50–62). https://doi.org/10.2991/978-94-6463-496-9_5
- Alzubaidi, L., Zhang, J., Humaidi, A. J., Al-Dujaili, A., Duan, Y., Al-Shamma, O., Santamaría, J., Fadhel, M. A., Al-Amidie, M., & Farhan, L. (2021). Review Of Deep Learning: Concepts, Cnn Architectures, Challenges, Applications, Future Directions. *Journal Of Big Data*, 8(1). <https://doi.org/10.1186/S40537-021-00444-8>
- Ananta Tarigan, A., & Wiraguna, E. (2024). *Efektivitas Fungisida Dalam Pengendalian Penyakit Bercak Daun Pada Pembibitan Kelapa Sawit*.
- Arianda, H. P., & Hadiwandura, T. Y. (2025). Implementasi Deep Learning Untuk Klasifikasi Penyakit Pada Daun Kelapa Sawit Menggunakan Arsitektur Mobilenetv2. *Jurnal Coscitech (Computer Science And Information Technology)*, 6(3), 453–462. <https://doi.org/10.37859/Coscitech.V6i3.10306>
- Azhari, M. G., Husain, M. A., & Lutfi, M. (2023). Transfer Learning Convolutional Neural Network Dengan Arsitektur Efficientnet Untuk Identifikasi Penyakit Daun Cabai. In *Jurnal Mahasiswa Teknik Informatika* (Vol. 7, Number 5).
- Azmi, K., & Defit, S. (2023). *Implementasi Convolutional Neural Network (Cnn) Untuk Klasifikasi Batik Tanah Liat Sumatera Barat*. 16(1), 2023.
- Badarudin, M. A. S. A., Astuti, I. A., & Umri, B. K. (2025). Perbandingan Deep Learning Yolov5 Dan Yolov8 Untuk Deteksi Penyakit Daun Tanaman Tomat. *Jitsi : Jurnal Ilmiah Teknologi Sistem Informasi*, 6(1), 19–27. <https://doi.org/10.62527/Jitsi.6.1.348>
- Bolya, D., Zhou, C., Xiao, F., & Lee, Y. J. (2019). *Yolact: Real-Time Instance Segmentation*. <http://arxiv.org/abs/1904.02689>
- Cameron, R. R., Febrianni, A., & Yusticia, S. R. (2024). Insidensi Dan Keparahan Penyakit Bercak Daun Disebabkan Oleh Curvularia Sp. Pada Pembibitan Kelapa Sawit Di Kabupaten Banyuasin Sumatera Selatan. *Jurnal Agro Industri Perkebunan*, 1–10. <https://doi.org/10.25181/Jaip.V12i1.3303>
- Dharma, A. S., Sitorus, J. M. P., & Hatigoran, A. (2023). Comparison Of Residual Network-50 And Convolutional Neural Network Conventional Architecture For Fruit Image Classification. *Sinkron*, 8(3), 1863–1874. <https://doi.org/10.33395/Sinkron.V8i3.12721>
- Garcia, J., & Barbedo, A. (2013). Digital Image Processing Techniques For Detecting, Quantifying And Classifying Plant Diseases. In *A Springeropen Journal Barbedo Springerplus* (Vol. 2). <http://www.springerplus.com/content/2/1/660>
- Hafifah, F., Rahman, S., & Asih, S. (2021). *Klasifikasi Jenis Kendaraan Pada Jalan Raya Menggunakan Metode Convolutional Neural Networks (Cnn)*. 2(5), 292–301. <https://ejournal.seminar-id.com/index.php/tin>
- Hidayat, J. J., Setyowati, C., & Werdana, A. P. (2025). Analisis Penyakit Pada Daun Padi Menggunakan Vgg-16 Transfer Learning Dan Teknik Segmentasi K-Mean. *Jurnal Media Infotama*, 21(1). www.kaggle.com

- Husna Irham, W., Wahyuna Saragih, S., Bobby Febrianto, E., Yazid, A., Haholongan, R., Maulana, A., & Damanik, R. (2023). *Strategi Penanganan Bercak Daun Curvularia Sp. Pada Pembibitan Kelapa Sawit Di Indonesia*. 7(2), 2580–0957.
- Jocher, G., Chaurasia, A., & Qiu, J. (2023). *Ultralytics Yolov8*. <https://docs.ultralytics.com/>
- Kandel, I., & Castelli, M. (2020). The Effect Of Batch Size On The Generalizability Of The Convolutional Neural Networks On A Histopathology Dataset. *Ict Express*, 6(4), 312–315. <https://doi.org/10.1016/j.ict.2020.04.010>
- Khoerul Anwar, & Sigit Setyowibowo. (2021). *Segmentasi Kerusakan Daun Padi Pada Citra Digital*.
- Lecun, Y., Bengio, Y., & Hinton, G. (2015). Deep Learning. In *Nature* (Vol. 521, Number 7553, Pp. 436–444). Nature Publishing Group. <https://doi.org/10.1038/nature14539>
- Lin, T.-Y., Maire, M., Belongie, S., Bourdev, L., Girshick, R., Hays, J., Perona, P., Ramanan, D., Zitnick, C. L., & Dollár, P. (2015). *Microsoft Coco: Common Objects In Context*. <http://arxiv.org/abs/1405.0312>
- Mulyana, D. I., & Ferdiansyah Putra, R. (2024). Optimasi Deteksi Objek Dengan Segmentasi Dan Data Augmentasi Pada Hewan Siput Beracun Menggunakan Algoritma You Only Look Once (Yolo). *Jurnal Teknologi Informasi Dan Komunikasi*, 8(1). <https://doi.org/10.35870/jti>
- Padilla, R., Netto, S. L., & Da Silva, E. A. B. (2020). *A Survey On Performance Metrics For Object-Detection Algorithms*.
- Pratiwi, H. A., Cahyanti, M., & Lamsani, M. (2021). Implementasi Deep Learning Flower Scanner Menggunakan Metode Convolutional Neural Network. *Sebatik*, 25(1), 124–130. <https://doi.org/10.46984/sebatik.v25i1.1297>
- Ramadhan, G., & Edi Mujahid, P. (2025). *Implementation Of Yolov8 Instance Segmentation For Leaf Disease Detection*. 13(06). <https://doi.org/10.58471/infokum.v13i06>
- Redmon, J., Divvala, S., Girshick, R., & Farhadi, A. (2016). *You Only Look Once: Unified, Real-Time Object Detection*. <http://arxiv.org/abs/1506.02640>
- Rezatofighi, H., Tsoi, N., Gwak, J., Sadeghian, A., Reid, I., & Savarese, S. (2019). *Generalized Intersection Over Union: A Metric And A Loss For Bounding Box Regression*.
- Riyadi, N., Rouza, E., Maftukhan, F., Zahara, S., Panjaitan, T., Dea Wulandari, C., Saputra, R., & Penelitian, A. (2026). Penerapan Deep Learning Berbasis Cnn Untuk Klasifikasi Otomatis Penyakit Daun Kelapa Sawit Application Of Cnn-Based Deep Learning For Automatic Classification Of Oil Palm Leaf Diseases. *Jurnal Kolaboratif Sains*, 9(1), 152–160. <https://doi.org/10.56338/jks.v9i1.9802>
- Satia, G. A. W., Firmansyah, E., & Umami, A. (2022). Perancangan Sistem Identifikasi Penyakit Pada Daun Kelapa Sawit (Elaeis Guineensis Jacq.) Dengan Algoritma Deep Learning Convolutional Neural Networks. *Jurnal Ilmiah Pertanian*, 19(1), 1–10. <https://doi.org/10.31849/jip.v19i1.9556>
- Shi, J., Dang, J., Cui, M., Zuo, R., Shimizu, K., Tsunoda, A., & Suzuki, Y. (2021). Improvement Of Damage Segmentation Based On Pixel-Level Data Balance Using

- Vgg-Unet. *Applied Sciences (Switzerland)*, 11(2), 1–17.
<https://doi.org/10.3390/App11020518>
- Siti Choiriyah, & Aji Supriyanto. (2025). Perbandingan Deep Learning Yolov5 Dan Yolov8 Untuk Deteksi Penyakit Daun Tanaman Tomat. *Jitsi : Jurnal Ilmiah Teknologi Sistem Informasi*, 6(1), 56–65. <https://doi.org/10.62527/Jitsi.6.1.348>
- Sodikin, S., Khotimah, T., & Jazuli, A. (2025). Penerapan Transfer Learning Menggunakan Mobile Netv2 Untuk Klasifikasi Penyakit Daun Jagung Berbasis Citra. <https://doi.org/10.38035/Jemsi.V6i6>
- Sokolova, M., & Lapalme, G. (2009). A Systematic Analysis Of Performance Measures For Classification Tasks. *Information Processing And Management*, 45(4), 427–437. <https://doi.org/10.1016/J.Ipm.2009.03.002>
- Susanto, A., & Prasetyo, A. E. (2014). Respons Curvularia Lunata Penyebab Penyakit Bercak Daun Kelapa Sawit Terhadap Berbagai Fungisida. *Jurnal Fitopatologi Indonesia*, 9(6), 165. <https://doi.org/10.14692/Jfi.9.6.165>
- Terven, J., & Cordova-Esparza, D. (2024). A Comprehensive Review Of Yolo Architectures In Computer Vision: From Yolov1 To Yolov8 And Yolo-Nas. <https://doi.org/10.3390/Make5040083>
- Tripathi, A., Gohokar, V., & Kute, R. (2024). Comparative Analysis Of Yolov8 And Yolov9 Models For Real-Time Plant Disease Detection In Hydroponics. *Engineering, Technology And Applied Science Research*, 14(5), 17269–17275. <https://doi.org/10.48084/Etasr.8301>
- Wang, J., Tang, C., & Li, J. (2022). Towards Real-Time Analysis Of Marine Phytoplankton Images Sampled At High Frame Rate By A Yolox-Based Object Detection Algorithm. *Oceans Conference Record (Ieee)*. <https://doi.org/10.1109/Oceanschennai45887.2022.9775330>
- Yustiana, I., Sujjada, A., & Tirawati. (2025). Application Of Yolov8 Model For Early Detection Of Diseases In Bean Leaves. *Bit-Tech*, 8(1), 254–262. <https://doi.org/10.32877/Bt.V8i1.2514>
- Zheng, Z., Wang, P., Liu, W., Li, J., Ye, R., & Ren, D. (2019). Distance-Iou Loss: Faster And Better Learning For Bounding Box Regression. <http://arxiv.org/abs/1911.08287>