

DAFTAR PUSTAKA

- B, A. A. A., & Bajpai, A. (2024). *Attire-Based Anomaly Detection in Restricted Areas Using YOLOv8 for Enhanced CCTV Security*. <http://arxiv.org/abs/2404.00645>
- Berndt, J., Meißner, H., & Kraft, T. (2023). on the Accuracy of Yolov8-Cnn Regarding Detection of Humans in Nadir Aerial Images for Search and Rescue Applications. *International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives*, 48(1/W2-2023), 139–146. <https://doi.org/10.5194/isprs-archives-XLVIII-1-W2-2023-139-2023>
- Bochkovskiy, A., Wang, C.-Y., & Liao, H.-Y. M. (2020). *YOLOv4: Optimal Speed and Accuracy of Object Detection*. <http://arxiv.org/abs/2004.10934>
- Ultralytics. (n.d.). ultralytics/yolov5: YOLOv5 in PyTorch > ONNX > CoreML > TFLite [Source code]. GitHub. Retrieved July 25, 2025, from <https://github.com/ultralytics/yolov5/>
- Daneshvar, S. S., & Wang, S. (2024). *GUI Element Detection Using SOTA YOLO Deep Learning Models*. Cv. <http://arxiv.org/abs/2408.03507>
- Ultralytics. (n.d.). YOLOv8 models. Ultralytics. Retrieved July 25, 2025, from <https://docs.ultralytics.com/models/yolov8/>
- Ehsani, K., Bagherinezhad, H., Redmon, J., Mottaghi, R., & Farhadi, A. (2018). Who Let the Dogs Out? Modeling Dog Behavior from Visual Data. *Proceedings of the IEEE Computer Society Conference on Computer Vision and Pattern Recognition*, 4051–4060. <https://doi.org/10.1109/CVPR.2018.00426>
- Hendrawan, N. D., & Kolandaisamy, R. (2023). A Comparative Study of YOLOv8 and YOLO - NAS Performance in Human Detection Image. *Jurnal Teknologi Dan Manajemen Informatika*, 9(2), 191–201. <https://doi.org/10.26905/jtmi.v9i2.12192>
- Huang, M., Mi, W., & Wang, Y. (2024). EDGS-YOLOv8: An Improved YOLOv8 Lightweight UAV Detection Model. *Drones*, 8(7). <https://doi.org/10.3390/drones8070337>
- Kannam, S., Jensen, M., & Hassan Sodhro, A. (2025). *Near Real-time Efficiency of YOLOv8 in Human Intrusion Detection Across Diverse Environments and Recommendation*. <https://ssrn.com/abstract=5139372>
- Karakuş, S., Kaya, M., & Tuncer, S. A. (2023). Real-Time Detection and Identification of Suspects in Forensic Imagery Using Advanced YOLOv8 Object Recognition Models. *Traitement Du Signal*, 40(5), 2029–2039. <https://doi.org/10.18280/ts.400521>

- Kolhatkar, P., Padule, D., & Salunkhe, P. (2024). Reviewing the Impact of YOLO on Forensic Evidence Analysis in Crime Scene Investigations. *International Research Journal of Modernization in Engineering Technology and Science*, 04, 4782–4788. <https://doi.org/10.56726/irjmets53102>
- Lin, T. Y., Maire, M., Belongie, S., Hays, J., Perona, P., Ramanan, D., Dollár, P., & Zitnick, C. L. (2014). Microsoft COCO: Common objects in context. *Lecture Notes in Computer Science (Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, 8693 LNCS(PART 5), 740–755. https://doi.org/10.1007/978-3-319-10602-1_48
- Ma Muriyah, N., Sim, J. H., & Yulianto, A. (2024). Evaluating YOLOv5 and YOLOv8: Advancements in Human Detection. *Journal of Information Systems and Informatics*, 6(4), 2999–3015. <https://doi.org/10.51519/journalisi.v6i4.944>
- Prihandoko, P., Rumapea, S. A., & Fawwaz, M. F. (2025). Implementation of YOLOv8 in Object Recognition Systems for Public Area Security in Kebun Raya Bogor. *Ultimatics : Jurnal Teknik Informatika*, 17(1), 1–10. <https://doi.org/10.31937/ti.v17i1.4133>
- Redmon, J., Divvala, S., Girshick, R., & Farhadi, A. (2016). You only look once: Unified, real-time object detection. *Proceedings of the IEEE Computer Society Conference on Computer Vision and Pattern Recognition, 2016-Decem*, 779–788. <https://doi.org/10.1109/CVPR.2016.91>
- Redmon, J., & Farhadi, A. (2017). YOLO9000: Better, faster, stronger. *Proceedings - 30th IEEE Conference on Computer Vision and Pattern Recognition, CVPR 2017, 2017-Janua*, 6517–6525. <https://doi.org/10.1109/CVPR.2017.690>
- Reis, D., Kupec, J., Hong, J., & Daoudi, A. (2023). *Real-Time Flying Object Detection with YOLOv8*. <http://arxiv.org/abs/2305.09972>
- Sapkota, R., Ahmed, D., & Karkee, M. (2024). Comparing YOLOv8 and Mask R-CNN for instance segmentation in complex orchard environments. *Artificial Intelligence in Agriculture*, 13, 84–99. <https://doi.org/10.1016/j.aiia.2024.07.001>
- Sun, F., Du, L., & Dai, Y. (2025). PyQt5-powered frontend for advanced YOLOv8 vehicle detection in challenging backgrounds. *IET Wireless Sensor Systems*, 15(1), 1–12. <https://doi.org/10.1049/wss2.70001>
- Sun, J., Cao, W., & Yamanaka, T. (2022). JustDeepIt: Software tool with graphical and character user interfaces for deep learning-based object detection and segmentation in image analysis. *Frontiers in Plant Science*, 13(October). <https://doi.org/10.3389/fpls.2022.964058>
- Terven, J., Córdova-Esparza, D. M., & Romero-González, J. A. (2023). A Comprehensive Review of YOLO Architectures in Computer Vision: From

YOLOv1 to YOLOv8 and YOLO-NAS. *Machine Learning and Knowledge Extraction*, 5(4), 1680–1716. <https://doi.org/10.3390/make5040083>

Wang, C. Y., Bochkovskiy, A., & Liao, H. Y. M. (2023). YOLOv7: Trainable Bag-of-Freebies Sets New State-of-the-Art for Real-Time Object Detectors. *Proceedings of the IEEE Computer Society Conference on Computer Vision and Pattern Recognition, 2023-June*, 7464–7475. <https://doi.org/10.1109/CVPR52729.2023.00721>

Xu, X., Wu, T., Du, Z., Rong, H., Wang, S., Li, S., & Chen, D. (2025). Enhanced human pose estimation using YOLOv8 with Integrated SimDLKA attention mechanism and DCIOU loss function: Analysis of human body behavior and posture. *PLoS ONE*, 20(5 May), 1–16. <https://doi.org/10.1371/journal.pone.0318578>

Yue, M., Zhang, L., Huang, J., & Zhang, H. (2024). Lightweight and Efficient Tiny-Object Detection Based on Improved YOLOv8n for UAV Aerial Images. *Drones*, 8(7). <https://doi.org/10.3390/drones8070276>

