

DAFTAR PUSTAKA

- [1] N. D. Nath, A. H. Behzadan, and S. G. Paal, "Deep learning for site safety: Real-time detection of personal protective equipment," *Autom Constr*, vol. 112, p. 103085, Apr. 2020, doi: 10.1016/j.autcon.2020.103085.
- [2] L. Huang, Q. Fu, M. He, D. Jiang, and Z. Hao, "Detection algorithm of safety helmet wearing based on deep learning," *Concurr Comput*, vol. 33, no. 13, Jul. 2021, doi: 10.1002/cpe.6234.
- [3] "5 Advantages of Wearing PPE at Work - Anbusafety.com." Accessed: Jan. 08, 2024. [Online]. Available: <https://www.anbusafety.com/5-advantages-of-wearing-ppe-at-work/>
- [4] H. Lou *et al.*, "DC-YOLOv8: Small-Size Object Detection Algorithm Based on Camera Sensor," *Electronics (Switzerland)*, vol. 12, no. 10, 2023, doi: 10.3390/electronics12102323.
- [5] S. Khalid, H. M. Oqaibi, M. Aqib, and Y. Hafeez, "Small Pests Detection in Field Crops Using Deep Learning Object Detection," *Sustainability*, vol. 15, no. 8, p. 6815, Apr. 2023, doi: 10.3390/su15086815.
- [6] N. S. Sanjay and A. Ahmadinia, "MobileNet-Tiny: A Deep Neural Network- Based Real-Time Object Detection for Raspberry Pi," in *2019 18th IEEE International Conference On Machine Learning And Applications (ICMLA)*, IEEE, Dec. 2019, pp. 647–652. doi: 10.1109/ICMLA.2019.00118.
- [7] T. Nguyen *et al.*, "An Adaptive Vision-based Outdoor Car Parking Lot Monitoring System," in *2020 IEEE Eighth International Conference on Communications and Electronics (ICCE)*, IEEE, Jan. 2021, pp. 445–450. doi: 10.1109/ICCE48956.2021.9352090.
- [8] "Mengenal Apa Kapanjangan K3, Ternyata Banyak yang Keliru." Accessed: Nov. 09, 2023. [Online]. Available: <https://mutucertification.com/kepanjangan-k3/>
- [9] N. D. Nath, A. H. Behzadan, and S. G. Paal, "Deep learning for site safety: Real-time detection of personal protective equipment," *Autom Constr*, vol. 112, p. 103085, Apr. 2020, doi: 10.1016/j.autcon.2020.103085.
- [10] "How Does a Neural Network Recognize Images? | Baeldung on Computer Science." Accessed: Dec. 28, 2023. [Online]. Available: <https://www.baeldung.com/cs/neural-networks-image-recognition>
- [11] C. Geraldly and C. Lubis, "Pendeteksian Dan Pengenalan Jenis Mobil

Menggunakan Algoritma You Only Look Once Dan Convolutional Neural Network NETWORK,” *Jurnal Ilmu Komputer dan Sistem Informasi*, vol. 8, no. 2, 2020, doi: 10.24912/jiksi.v8i2.11495.

- [12] “Brief summary of YOLOv8 model structure · Issue #189 · ultralytics/ultralytics · GitHub.” Accessed: Nov. 08, 2023. [Online]. Available: <https://github.com/ultralytics/ultralytics/issues/189>
- [13] “Home - Ultralytics YOLOv8 Docs.” Accessed: Dec. 04, 2023. [Online]. Available: <https://docs.ultralytics.com/>
- [14] C.-Y. Wang, H.-Y. M. Liao, I.-H. Yeh, Y.-H. Wu, P.-Y. Chen, and J.-W. Hsieh, “CSPNet: A New Backbone that can Enhance Learning Capability of CNN,” Nov. 2019, [Online]. Available: <http://arxiv.org/abs/1911.11929>
- [15] R.-Y. Ju and W. Cai, “Fracture detection in pediatric wrist trauma X-ray images using YOLOv8 algorithm,” *Sci Rep*, vol. 13, no. 1, p. 20077, Nov. 2023, doi: 10.1038/s41598-023-47460-7.
- [16] “Training the YOLOv8 Object Detector for OAK-D - PyImageSearch.” Accessed: Jan. 17, 2024. [Online]. Available: <https://pyimagesearch.com/2023/05/01/training-the-yolov8-object-detector-for-oak-d/>
- [17] “YOLO Algorithm for Object Detection Explained [+Examples].” Accessed: Nov. 15, 2023. [Online]. Available: <https://www.v7labs.com/blog/yolo-object-detection>
- [18] “Real-Time Object Detection with YOLO: A Step-by-Step Guide with Realtime Fire Detection Example. - DEV Community.” Accessed: Dec. 29, 2023. [Online]. Available: <https://dev.to/stiveckamash/real-time-object-detection-with-yolo-a-step-by-step-guide-with-realtime-fire-detection-example-ledb>
- [19] “YOLO — You only look once, real time object detection explained | by Manish Chablani | Towards Data Science.” Accessed: Nov. 15, 2023. [Online]. Available: <https://towardsdatascience.com/yolo-you-only-look-once-real-time-object-detection-explained-492dc9230006>
- [20] “How YOLO algorithm helps in object detection? | by Labellerr - Automated SAAS Training Data Platform | Medium.” Accessed: Dec. 29, 2023. [Online]. Available: <https://labellerr.medium.com/how-yolo-algorithm-helps-in-object-detection-ad5c8ab03800>
- [21] “Introduction to YOLO Algorithm for Object Detection | Engineering Education (EngEd) Program | Section.” Accessed: Nov. 15, 2023. [Online]. Available: <https://www.section.io/engineering-education/introduction-to-yolo-algorithm-for-object-detection/>

- [22] M. M. Saudi *et al.*, “Image Detection Model for Construction Worker Safety Conditions using Faster R-CNN,” *International Journal of Advanced Computer Science and Applications*, vol. 11, no.6, 2020, doi: 10.14569/IJACSA.2020.0110632.
- [23] Y. Tian, G. Yang, Z. Wang, H. Wang, E. Li, and Z. Liang, “Apple detection during different growth stages in orchards using the improved YOLO-V3 model,” *Comput Electron Agric*, vol. 157, pp. 417–426, Feb. 2019, doi: 10.1016/j.compag.2019.01.012.
- [24] A. Baccouche, B. Garcia-Zapirain, C. Castillo Olea, and A. S. Elmaghraby, “Breast Lesions Detection and Classification via YOLO-Based Fusion Models,” *Computers, Materials & Continua*, vol. 69, no. 1, pp. 1407–1425, 2021, doi: 10.32604/cmc.2021.018461.
- [25] H. A. El Zouka and M. M. Hosni, “Secure IoT communications for smart healthcare monitoring system,” *Internet of Things*, vol. 13, p. 100036, Mar. 2021, doi: 10.1016/j.iot.2019.01.003.
- [26] J. Yu and W. Zhang, “Face Mask Wearing Detection Algorithm Based on Improved YOLO-v4,” *Sensors*, vol. 21, no. 9, p. 3263, May 2021, doi: 10.3390/s21093263.
- [27] “Construction Site Safety Dataset > Overview.” Accessed: Nov. 08, 2023. [Online]. Available: <https://universe.roboflow.com/roboflow-universe-projects/construction-site-safety>
- [28] “Train, Validation, Test Split and Why You Need It.” Accessed: Jan. 08, 2024. [Online]. Available: <https://blog.roboflow.com/train-test-split/>
- [29] “Roboflow: Give your software the power to see objects in images and video.” Accessed: Feb. 20, 2024. [Online]. Available: <https://roboflow.com/>
- [30] S. Saponara and A. Elhanashi, “Impact of Image Resizing on Deep Learning Detectors for Training Time and Model Performance,” 2022, pp. 10–17. doi: 10.1007/978-3-030-95498-7_2.
- [31] R. Bai, F. Shen, M. Wang, J. Lu, and Z. Zhang, “Improving Detection Capabilities of YOLOv8-n for Small Objects in Remote Sensing Imagery: Towards Better Precision with Simplified Model Complexity Improving Detection Capabilities of YOLOv8-n for Small Objects in Remote Sensing Imagery: Towards Better Precision with Simplified Model Complexity,” 2023, doi: 10.21203/rs.3.rs-3085871/v1.
- [32] Z. Wang, Y. Wu, L. Yang, A. Thirunavukarasu, C. Evison, and Y. Zhao, “Fast personal protective equipment detection for real construction sites

using deep learning approaches,” *Sensors*, vol. 21, no. 10, May 2021, doi:
10.3390/s21103478.