

## DAFTAR PUSTAKA

- Adipranata, R., Siwalankerto, J., & Telp, S. (2014). Kombinasi Metode Morphological Gradient Dan Transformasi Watershed Pada Proses Segmentasi Citra Digital. *Jurnal Informatika Petra*, 031.
- Anwar, M., Kristian, Y., & Setyati, E. (2023). Klasifikasi Penyakit Tanaman Cabai Rawit Dilengkapi Dengan Segmentasi Citra Daun dan Buah Menggunakan Yolo v7. *INTECOMS: Journal of Information Technology and Computer Science*, 6(1), 540–548.
- Cao, L., Zheng, X., & Fang, L. (2023). The Semantic Segmentation of Standing Tree Images Based on the Yolo V7 Deep Learning Algorithm. *Electronics (Switzerland)*, 12(4). <https://doi.org/10.3390/electronics12040929>
- Cengil, E., & Çinar, A. (2021). Poisonous Mushroom Detection using YOLOV5. *Turkish Journal of Science & Technology*, 16(1), 119–127.
- Dewi, C., Chen, A. P. S., & Christanto, H. J. (2023). Deep Learning for Highly Accurate Hand Recognition Based on Yolov7 Model. *Big Data and Cognitive Computing*, 7(1). <https://doi.org/10.3390/bdcc7010053>
- Dong, S., Wang, P., & Abbas, K. (2021). A survey on deep learning and its applications. *Computer Science Review*, 40, 100379. <https://doi.org/10.1016/j.cosrev.2021.100379>
- Febriana, F., Riva, L. S., Salomo, R., Piero, S., Ikramsyah, M. A., & Santoni, M. M. (2021). Perbandingan Klasifikasi Naive-Bayes dan KNN untuk Mengidentifikasi Jenis Buah Apel dengan Ekstraksi Ciri LBP dan HSV. *Seminar Nasional Mahasiswa Ilmu Komputer Dan Aplikasinya (SENAMIKA)*, September, 191–201.
- Fernando Ade Pratama, E., Khairil, K., & Jumadi, J. (2022). Implementasi Metode K-Means Clustering Pada Segmentasi Citra Digital. *Jurnal Media Infotama*, 18(2), 291–301.
- Gunawan, K., Putu, I., Bayupati, A., & Wibawa, K. S. (2021). Segmentasi Buah Apel Menggunakan Framework YOLACT Arsitektur Resnet-101. *JITTER : Jurnal Ilmiah Teknologi Dan Komputer*, 1(2), 234–242. <https://ojs.unud.ac.id/index.php/jitter/article/view/69675>
- Halela, I. A. (2016). *Identifikasi Jenis Buah Apel Menggunakan Algoritma K-Nearest Neighbor ( KNN ) dengan Ekstraksi Fitur Histogram*. 1–8.
- Hayati, N. J., Singasatia, D., & Muttaqin, M. R. (2023). Object Tracking Menggunakan Algoritma You Only Look Once (YOLO)v8 untuk Menghitung Kendaraan. *Komputa : Jurnal Ilmiah Komputer Dan Informatika*, 12(2), 91–99. <https://doi.org/10.34010/komputa.v12i2.10654>
- Hurtik, P., Molek, V., Hula, J., Vajgl, M., Vlasanek, P., & Nejezchleba, T. (2022). Poly-YOLO: higher speed, more precise detection and instance segmentation for YOLOv3. *Neural Computing and Applications*, 34(10), 8275–8290. <https://doi.org/10.1007/s00521-021-05978-9>
- Jacobson, L., & Booch, J. R. G. (2021). *The unified modeling language reference manual*.
- Monteiro, M., Kamnitsas, K., Ferrante, E., Mathieu, F., McDonagh, S., Cook, S., Stevenson, S., Das, T., Khetani, A., Newman, T., Zeiler, F., Digby, R., Coles, J. P., Rueckert, D., Menon, D. K., Newcombe, V. F. J., & Glocker, B. (2020). Tbi lesion segmentation in

- head CT: Impact of preprocessing and data augmentation. *Lecture Notes in Computer Science (Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, 11992 LNCS, 13–22. [https://doi.org/10.1007/978-3-030-46640-4\\_2](https://doi.org/10.1007/978-3-030-46640-4_2)
- Nazarudin, Z., Muhammah, I., & Fidianingsih, I. (2017). Segmentasi Citra untuk Menentukan Skor Kerusakan Hati secara Histologi. *Seminar Nasional Informatika Medis*, 15.
- Nelson, M. J., & Hoover, A. K. (2020). Notes on Using Google Colaboratory in AI Education. *Annual Conference on Innovation and Technology in Computer Science Education, ITiCSE*, 533–534. <https://doi.org/10.1145/3341525.3393997>
- Nurlan, F. (2019). *Metodologi penelitian kuantitatif*. CV. Pilar Nusantara.
- Presmann, R. S. (2010). Software Quality Engineering: A Practitioner's Approach. In *Software Quality Engineering: A Practitioner's Approach* (Vol. 9781118592). <https://doi.org/10.1002/9781118830208>
- Rangari, A. P., Chouthmol, A. R., Kadadas, C., Pal, P., & Kumar Singh, S. (2022). Deep Learning based smart traffic light system using Image Processing with YOLO v7. *4th International Conference on Circuits, Control, Communication and Computing, I4C 2022*, 129–132. <https://doi.org/10.1109/I4C57141.2022.10057696>
- Romera-Paredes, B., & Torr, P. H. S. (2016). Recurrent instance segmentation. *Computer Vision–ECCV 2016: 14th European Conference, Amsterdam, The Netherlands, October 11–14, 2016, Proceedings, Part VI 14*, 312–329.
- Safitri, R. A., Nurdiani, S., Riana, D., & Hadianti, S. (2019). Klasifikasi Jenis Buah Apel Menggunakan Metode Orde 1 dengan Algoritma Multi Support-Vector Machines. *Paradigma - Jurnal Komputer Dan Informatika*, 21(2), 167–172. <https://doi.org/10.31294/p.v21i2.6526>
- Sanner, M. F. (1999). Python: A programming language for software integration and development. *Journal of Molecular Graphics and Modelling*, 17(1), 57–61.
- Sultana, F., Sufian, A., & Dutta, P. (2020). *Evolution of Image Segmentation using Deep Convolutional Neural Network : A Survey*. 1–38.
- Wang, C.-Y., Bochkovskiy, A., & Liao, H.-Y. M. (2022). *YOLOv7+appendix*. 1–17. <http://arxiv.org/abs/2207.02696>
- Wang, R., & Li, Y. (2023). Based on Improved YOLOv7 Small Target Detection. *Frontiers in Artificial Intelligence and Applications*, 373, 346–352. <https://doi.org/10.3233/FAIA230829>
- Werdaya, N. M. S. (2012). Pengembangan Media Pembelajaran Berbasis Video untuk Meningkatkan Kemampuan Pemahaman Peserta Didik Pada Standar Kompetensi Memelihara Transmisi Di SMK Negeri 8 Bandung Universitas Pendidikan Indonesia|repository.upi.edu. *Pengembangan Media Pembelajaran Berbasis Video Untuk Meningkatkan Kemampuan Pemahaman Peserta Didik Pada Standar Kompetensi Memelihara Transmisi Di SMK Negeri 8 Bandung Universitas Pendidikan Indonesia*, 34–46.
- Wijaya, A. A., & Prayudi, Y. (2010). Implementasi Visi Komputer Dan Segmentasi Citra Untuk Klasifikasi Bobot Telur Ayam Ras. *Seminar Nasional Aplikasi Teknologi*

*Informasi (SNATI).*

- Wijaya, N., & Ridwan, A. (2019). Klasifikasi Jenis Buah Apel Menggunakan Metode K-Nearest Neighbors. *Sisfokom*, 08(1), 74–78.
- Wu, Z., Zhang, D., Shao, Y., Zhang, X., Zhang, X., Feng, Y., & Cui, P. (2021). Using YOLOv5 for garbage classification. *2021 4th International Conference on Pattern Recognition and Artificial Intelligence, PRAI 2021, August*, 35–38. <https://doi.org/10.1109/PRAI53619.2021.9550790>
- Xue, S., Li, Z., Wu, R., Zhu, T., Yuan, Y., & Ni, C. (2023). Few-Shot Learning for Small Impurities in Tobacco Stems With Improved YOLOv7. *IEEE Access*, 11(March), 48136–48144. <https://doi.org/10.1109/ACCESS.2023.3275023>
- Zhou, Y., Zhu, Y., Ye, Q., Qiu, Q., & Jiao, J. (2018). Weakly Supervised Instance Segmentation Using Class Peak Response. *Proceedings of the IEEE Computer Society Conference on Computer Vision and Pattern Recognition*, 3791–3800. <https://doi.org/10.1109/CVPR.2018.00399>