

DAFTAR PUSTAKA

- Affifah, D. D., dan Permanasari, Y. (2022). Bandung Conference Series: Mathematics Teknik Konvolusi pada Deep Learning untuk Image Processing. *Bandung Conference Series: Mathematics*, 2(2), 103–112. <https://doi.org/10.29313/bcsm.v2i2.4527>
- Al-Galib, S. L. A., Abdulrahman, A. A., dan Al-Azawi, F. S. T. (2021). Face Detection for Color Image Based on MATLAB. *Journal of Physics: Conference Series*, 1879(2). <https://doi.org/10.1088/1742-6596/1879/2/022129>
- Anggraini, S., Nur Amalia, E., Eka, R. S., Afifa, R., Natasya, L., dan Kuntarto, E. (2024). PERSEPSI GURU DAN SISWA TENTANG PENGGUNAAN MEDIA PEMBELAJARAN BERBASIS TEKNOLOGI DI SEKOLAH DASAR. *Jurnal Ilmu Pendidikan dan Kearifan Lokal (JIPKL)*, 4, 982–992.
- Arifadilah, D., dan Pambudi, A. (2024). *Journal of Artificial Intelligence and Engineering Applications Sunda Script Detection Using You Only Look Once Algorithm* (Vol. 3, Nomor 2). <https://ioinformatic.org/>
- Ayuningtyas, V., Artharina, F. P., dan Suyitno, S. (2023). Pengembangan Media Puzzle Raja untuk Keterampilan Menulis Aksara Jawa Siswa Sekolah Dasar. *DIKDAS MATAPPA: Jurnal Ilmu Pendidikan Dasar*, 6(2), 489–497. <https://doi.org/10.31100/DIKDAS.V6I2.2761>
- Bhatt, D., Patel, C., Talsania, H., Patel, J., Vaghela, R., Pandya, S., Modi, K., dan Ghayvat, H. (2021). Cnn variants for computer vision: History, architecture, application, challenges and future scope. Dalam *Electronics (Switzerland)* (Vol. 10, Nomor 20). MDPI. <https://doi.org/10.3390/electronics10202470>
- Bochkovskiy, A., Wang, C.-Y., dan Liao, H.-Y. M. (2020). YOLOv4: Optimal Speed and Accuracy of Object Detection. <https://arxiv.org/pdf/2004.10934>
- Bozinovski, S. (2020). Reminder of the first paper on transfer learning in neural networks, 1976. *Informatica (Slovenia)*, 44(3), 291–302. <https://doi.org/10.31449/INF.V44I3.2828>

- Carion, N., Massa, F., Synnaeve, G., Usunier, N., Kirillov, A., dan Zagoruyko, S. (2020). End-to-End Object Detection with Transformers. *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, 12346 LNCS, 213–229. https://doi.org/10.1007/978-3-030-58452-8_13
- Diwan, T., Anirudh, G., dan Tembhurne, J. V. (2023). Object detection using YOLO: challenges, architectural successors, datasets and applications. *Multimedia Tools and Applications*, 82(6), 9243–9275. <https://doi.org/10.1007/s11042-022-13644-y>
- Faishal, M. H., Sulistiyo, M. D., dan Ihsan, A. F. (2023). Javanese Script Letter Detection Using Faster R-CNN. *Indonesian Journal of Artificial Intelligence and Data Mining*, 6(2), 243. <https://doi.org/10.24014/ijaidm.v6i2.24641>
- Gery F, S., David M, E., Fennig, C. D., dan M. Paul, L. (t.t.). *Ethnologue | Languages of the world*. Diambil 28 Mei 2025, dari <https://www.ethnologue.com/>
- Hadinegoro, A., dan Reza, M. S. (2022). *MEDIA PEMBELAJARAN AKSARA JAWA INTERAKTIF MENGGUNAKAN TEXT RECOGNITION*. <https://doi.org/10.35200/ex.v12i2.79>
- He, H., dan Garcia, E. A. (2009). Learning from imbalanced data. *IEEE Transactions on Knowledge and Data Engineering*, 21(9), 1263–1284. <https://doi.org/10.1109/TKDE.2008.239>
- Hsu, J. H., Lee, C. C., Chang, J. Y., dan Lee, D. S. (2025). Key Frame Detection in Badminton Swings and Its Application to Physical Education. *IEEE Access*. <https://doi.org/10.1109/ACCESS.2025.3572105>
- Ilham, F., dan Rochmawati, N. (2020). Transliterasi Aksara Jawa Tulisan Tangan ke Tulisan Latin Menggunakan CNN. *JINACS*, 1(4), 200–208.
- Jocher, G. (2025). *Dokumentasi github YOLO ultralytic*. <https://github.com/ultralytics/ultralytics>
- Jocher, G., dan Qiu, J. (2025). *Github Ultralytics*. <https://github.com/ultralytics/ultralytics>
- Lin, T.-Y., Goyal, P., Girshick, R., He, K., dan Dollár, P. (2017). *Focal Loss for Dense Object Detection*. <http://arxiv.org/abs/1708.02002>

- Lutfina, E., Setiawan, R. O. C., Nugroho, A., dan Abdillah, M. Z. (2023). PERANCANGAN APLIKASI PEMBELAJARAN DENGAN KONSEP GAMIFIKASI. *METHOMIKA: Jurnal Manajemen Informatika & Komputerisasi Akuntansi*, 7(1), 78–87. <https://doi.org/10.46880/JMIKA.VOL7NO1.PP78-87>
- Made, N., Pratiwi, S., dan Sudiarsa, W. (2023). SMALL GROUP DISCUSSION: PENGARUHNYA TERHADAP HASIL BELAJAR SISWA KELAS XI DI SMA NEGERI 1 KUTA UTARA. *Jurnal Santiaji Pendidikan*, 13(2).
- Novaliandy, R., Widiarti, A. R., Universitas, S., dan Dharma, Y. (2022). *Klasifikasi Aksara Jawa Cetak Menggunakan Jaringan Syaraf Tiruan Backpropagation*.
- Pan, S. J., dan Yang, Q. (2010). A survey on transfer learning. *IEEE Transactions on Knowledge and Data Engineering*, 22(10), 1345–1359. <https://doi.org/10.1109/TKDE.2009.191>
- Permatasari, S. E., Zalfa Nadhira, M., dan Sudaryanto, &. (2022). *Problematisasi Guru dalam Mengembangkan Media Pembelajaran Digital di SMA Negeri 1 Gamping*.
- Powers, D. M. W., dan Ailab. (2020). *Evaluation: from precision, recall and F-measure to ROC, informedness, markedness and correlation*. <https://arxiv.org/pdf/2010.16061>
- Pradana, H. L., dan Koeswanti, H. D. (2021). PENGEMBANGAN APLIKASI PEMBELAJARAN AKSARA JAWA (AMBARAWA) UNTUK MENINGKATKAN HASIL BELAJAR SISWA SEKOLAH DASAR. 5(2), 797–807.
- Putra, B., Pamungkas, G., Nugroho, B., dan Anggraeny, F. (2021). DETEKSI DAN MENGHITUNG MANUSIA MENGGUNAKAN YOLO-CNN. *Jurnal Informatika dan Sistem Informasi (JIFoSI)*, 02(1), 2722–130.
- Redmon, J., Divvala, S., Girshick, R., dan Farhadi, A. (2016). You Only Look Once: Unified, Real-Time Object Detection. *2016 IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, 779–788. <https://doi.org/10.1109/CVPR.2016.91>
- Redmon, J., dan Farhadi, A. (2018). *YOLOv3: An Incremental Improvement*. <https://arxiv.org/pdf/1804.02767>
- Reis, D., Kupec, J., Hong, J., dan Daoudi, A. (2023). *Real-Time Flying Object Detection with YOLOv8*. <http://arxiv.org/abs/2305.09972>

- Ren, S., He, K., Girshick, R., dan Sun, J. (2015). *Faster R-CNN: Towards Real-Time Object Detection with Region Proposal Networks*. <http://arxiv.org/abs/1506.01497>
- Sago Dahlia, P., dan Rianto, S. (2022). Pengembangan Media Pembelajaran Interaktif Berbasis Lectora Inspire Dalam Meningkatkan Hasil Belajar Siswa Kelas X Lintas Minat Mata Pelajaran Geografi Di SMAN 1 Padang Sago. *JPIG (Jurnal Pendidikan dan Ilmu Geografi)*, 7(2), 110–124. <https://doi.org/10.21067/JPIG.V7I2.7335>
- Sain, A., Bhunia, A. K., Yang, Y., Xiang, T., dan Song, Y. Z. (2021). StyleMeUp: Towards Style-Agnostic Sketch-Based Image Retrieval. *Proceedings of the IEEE Computer Society Conference on Computer Vision and Pattern Recognition*, 8500–8509. <https://doi.org/10.1109/CVPR46437.2021.00840>
- Senarath, U. S. (2021). Waterfall Methodology, Prototyping and Agile Development. *Tech. Rep.*, 1–16.
- Setiani, N. (2019). *APLIKASI “HANACARAKA” SEBAGAI MEDIA PEMBELAJARAN AKSARA A JAWA BERBASIS ANDROID*.
- Solimani, F., Cardellicchio, A., Dimauro, G., Petrozza, A., Summerer, S., Cellini, F., dan Renò, V. (2024). Optimizing tomato plant phenotyping detection: Boosting YOLOv8 architecture to tackle data complexity. *Computers and Electronics in Agriculture*, 218, 108728. <https://doi.org/10.1016/J.COMPAG.2024.108728>
- Tan, C., Sun, F., Kong, T., Zhang, W., Yang, C., dan Liu, C. (2018). A Survey on Deep Transfer Learning. *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, 11141 LNCS, 270–279. https://doi.org/10.1007/978-3-030-01424-7_27
- Vishwakarma, R., dan Vennelakanti, R. (2021). *CNN Model & Tuning for Global Road Damage Detection*. <https://doi.org/10.48550/arXiv.2103.09512>
- Wang, C.-Y., Bochkovskiy, A., dan Liao, H.-Y. M. (2022). YOLOv7: Trainable bag-of-freebies sets new state-of-the-art for real-time object detectors. 7464–7475. <https://doi.org/10.1109/cvpr52729.2023.00721>
- Wicaksana, G., Arjanti, B., Aquilla, S., Putri, J., dan Baruno, A. (2023). Media Pembelajaran Aksara Jawa Berbasis Next Js. *Cakrawala Jurnal Ilmiah Bidang Sains*, 2, 1. <https://doi.org/10.28989/cakrawala.v2i2.1941>

Widodo, B. J. (2020). PENGEMBANGAN MEDIA MONOPOLI AKSARA JAWA UNTUK PEMBELAJARAN MEMBACA AKSARA JAWA DI SEKOLAH DASAR. *Kontekstual*, 1(2), 19–28.

Zheng, Z., Wang, P., Liu, W., Li, J., Ye, R., dan Ren, D. (2020). Distance-IoU Loss: Faster and Better Learning for Bounding Box Regression. *Proceedings of the AAAI Conference on Artificial Intelligence*, 34(07), 12993–13000. <https://doi.org/10.1609/AAAI.V34I07.6999>