

DAFTAR PUSTAKA

- Affifah, D. D., Permanasari, Y., Matematika, R. P., Matematika, F., Ilmu, D., & Alam, P. (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>
- Amani, Y., Syahputra, I., & Siddiq, D. (2018). Sistem Pendekripsi Pola Tajwid Al-Qur'an Hukum Mad Thabi'I (Mad Asli) Pada Citra Menggunakan Metode Sokal & Michener. *TECHSI - Jurnal Teknik Informatika*, 10(2), 15. <https://doi.org/10.29103/techsi.v10i2.905>
- Anisa Nur Azizah, & Faticahah, C. (2023). Tajweed-YOLO: Object Detection Method for Tajweed by Applying HSV Color Model Augmentation on Mushaf Images. *Jurnal RESTI (Rekayasa Sistem Dan Teknologi Informasi)*, 7(2), 236–245. <https://doi.org/10.29207/resti.v7i2.4739>
- Ashari, S. (2023). Makna Tartil Dalam Al-Qur'an Surah Al- Muzammil Ayat 4 Dan Implementasinya. *Tahdzib Al-Akhlaq: Jurnal Pendidikan Islam*, 6(1), 116–128. <https://doi.org/10.34005/tahdzib.v6i1.2652>
- Bam, A. (2015). *Sistem Pendekripsi Pola Citra Tajwid Alquran Mad Lazim Mutuqal Kilm Menggunakan Metode*.
- Bellos, D., Basham, M., Pridmore, T., & French, A. (2019). A convolutional neural network for fast upsampling of undersampled tomograms in X-ray CT time-series using a representative highly sampled tomogram. *Journal of Synchrotron Radiation*, 26. <https://doi.org/10.1107/S1600577519003448>
- Bi, H., Wen, V., & Xu, Z. (2023). Comparing one-stage and two-stage learning strategy in object detection. *Applied and Computational Engineering*, 5(1), 171–177. <https://doi.org/10.54254/2755-2721/5/20230556>
- Bochkovskiy, A., Wang, C.-Y., & Liao, H.-Y. M. (2020). *YOLOv4: Optimal Speed and Accuracy of Object Detection*. <http://arxiv.org/abs/2004.10934>
- Drantantiyas, N. D. G., Yulita, W., Ridwan, N. T., Ramadhani, U. A., Kesuma, R. I., Rakhman, A. Z., Bagaskara, R., Miranto, A., & Mufidah, Z. (2023). Performasi Deteksi Jumlah Manusia Menggunakan YOLOv8. *JASIEK (Jurnal Aplikasi Sains, Informasi, Elektronika Dan Komputer)*, 5(2), 63–68. <https://doi.org/10.26905/jasiek.v5i2.11605>
- Dwarampudi, M., & Reddy, N. V. S. (2019). *Effects of padding on LSTMs and CNNs*. <http://arxiv.org/abs/1903.07288>
- Ellyadi, M. (2022). Deteksi Tajwid Nun Mati Pada Ayat Al-Quran Dengan Metode Convolutional Neural Network Menggunakan Model Training Ssd Mobilenet. *Universitas Islam Negeri Ar-Raniry*. <https://repository.ar-raniry.ac.id/id/eprint/29791/0Ahttps://repository.ar-raniry.ac.id/id/eprint/29791/2/Deteksi Tajwid Nun Mati Pada Ayat Al-Quran Dengan Metode Convolutional Neural Network Menggunakan Model Training SSD Mobilenet.pdf>
- Fadlisyah, F. (2022). Sistem Pendekripsi Pola Tajwid Wajibul Ghunnah Pada Surat Al-Waqiah Menggunakan Metode Sokal & Sneath. *Jurnal Teknologi Terapan and Sains 4.0*, 3(3), 805. <https://doi.org/10.29103/tts.v3i3.9468>
- Fawziah, N. (2018). Urgensi Belajar dalam Al-Qur'an. *Andragogi: Jurnal Diklat Teknis Pendidikan Dan Keagamaan*, 6(2), 132–151. <https://doi.org/10.36052/andragogi.v6i2.61>

- Gholamalinezhad, H., & Khosravi, H. (2020). *Pooling Methods in Deep Neural Networks, a Review*. <http://arxiv.org/abs/2009.07485>
- Gunardi, M. F. (2023). Implementasi Augmentasi Citra pada Suatu Dataset. *Jurnal Informatika*, 9(1), 1–5.
- Hariroh, N., & Novitasari, D. (2021). *Meningkatkan pemahaman Tentang ilmu Tajwid kepada Anak-anak di Desa Sumberrejo Kec. Batanghari Kab. Lampung Timur*. 01(2), 125–155.
- He, X., Cheng, R., Zheng, Z., & Wang, Z. (2021). Small object detection in traffic scenes based on yolo-mxanet. *Sensors*, 21(21). <https://doi.org/10.3390/s21217422>
- Hoiem, D., Divvala, S., & Hays, J. (2009). *Pascal VOC 2008 Challenge*.
- Ibrahim, M., & Latifa, U. (2024). Penerapan Algoritma Yolov8 Dalam Deteksi Waktu Panen Tanaman Pakcoy Berbasis Website. *JATI (Jurnal Mahasiswa Teknik Informatika)*, 7(4), 2489–2495. <https://doi.org/10.36040/jati.v7i4.7154>
- Kindarya, F., Kusumaningtyas, E. M., Barakkah, A., Permatasari, D. I., Al Rasyid, M. U. H., Ramadijanti, N., Fariza, A., Syarif, I., Sa'adah, U., Saputra, F. A., Ahsan, A. S., Sumarsono, I., Yunanto, A. A., Edelani, R., Primajaya, G. A., & Kusuma, S. F. (2024). Penerapan Aplikasi Klasifikasi Hukum Tajwid Menggunakan Image Processing. *El-Mujtama: Jurnal Pengabdian Masyarakat*, 4(2), 660–669. <https://doi.org/10.47467/elmujtama.v4i2.1930>
- Laily, F., & Maesurah, S. (2021). STRATEGI PENINGKATAN KEMAMPUAN DAN PEMAHAMAN SISWA TPQ ATAS PELAFALAN MAKHORIJUL HURUF DAN ILMU TAJWID DI DESA BAURENO, JATIREJO, MOJOKERTO. *Al-Din: Jurnal Dakwah Dan Sosial Keagamaan*, 7(2), 12–26. <https://doi.org/10.35673/ajdsk.v7i2.2365>
- Lassification, C. N. N. I. M. C., S, L. G., & Schwartz, O. (2021). *B Rain - Inspired WEighted N Ormalization for*. 1–6.
- Li, C., Li, L., Jiang, H., Weng, K., Geng, Y., Li, L., Ke, Z., Li, Q., Cheng, M., Nie, W., Li, Y., Zhang, B., Liang, Y., Zhou, L., Xu, X., Chu, X., Wei, X., & Wei, X. (2022). *YOLOv6: A Single-Stage Object Detection Framework for Industrial Applications*. <http://arxiv.org/abs/2209.02976>
- Liu, Q., Liu, B., Wu, Y., Li, W., & Yu, N. (2022). Real-Time Online Multi-Object Tracking in Compressed Domain. *IEEE Access*, 7, 76489–76499. <https://api.semanticscholar.org/CorpusID:195697646>
- Mohamad Nasirudin, S. A. S. S. D. C. S. A. B. (2021). Menjaga Generasi Islam Bangsa untuk Cerdas Membaca Al Qur'an sesuai Tajwid. *Jum'at Keagamaan*, 2(2), 1–7.
- Muhammad Nur Ihsan Muhlashin, & Stefanie, A. (2023). Klasifikasi Penyakit Mata Berdasarkan Citra Fundus Menggunakan YOLO V8. *JATI (Jurnal Mahasiswa Teknik Informatika)*, 7(2), 1363–1368. <https://doi.org/10.36040/jati.v7i2.6927>
- Muniruddin, M. (2018). Bentuk Zikir Dan Fungsinya Dalam Kehidupan Seorang Muslim. *Jurnal Pemberdayaan Masyarakat*, 6(1), 17. <https://doi.org/10.37064/jpm.v6i1.4982>
- Muzakki, A., & Muksin, N. N. (2021). Mengedukasikan Hikmah Dan Manfaat Jika Rutin Dalam Membaca Al-Qur'an Pada Ruang Lingkup Remaja. *Prosiding Seminar Nasional Pengabdian Masyarakat LPPM UMJ*, 1–6.
- Noeman, A., & Handayani, D. (2020). Detection of Mad Lazim Harfi Musyba Images Uses Convolutional Neural Network. *IOP Conference Series: Materials Science and Engineering*, 771(1). <https://doi.org/10.1088/1757-899X/771/1/012030>
- Oktarina, M. (2020). Faedah Mempelajari dan Membaca Al-Quran dengan Tajwid. *Serambi Tarbawi*, 8(2), 147–162. <https://doi.org/10.32672/tarbawi.v8i2.5072>
- Pradnya D, W. M., & Kusumaningtyas, A. P. (2022). Analisis Pengaruh Data Augmentasi

- Pada Klasifikasi Bumbu Dapur Menggunakan Convolutional Neural Network. *Jurnal Media Informatika Budidarma*, 6(4), 2022. <https://doi.org/10.30865/mib.v6i4.4201>
- Rachmanto, A. D. (2021). *PERANCANGAN APLIKASI BELAJAR MENGAJI ILMU*. XI(1).
- 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>
- Redmon, J., & Farhadi, A. (2018). *YOLOv3: An Incremental Improvement*. <http://arxiv.org/abs/1804.02767>
- Rizal, R., Bustami, B., Azzahra, D., & Fadlisyah, F. (2019). Pendekripsi Tajwid Idgham Mutajanisain Pada Citra Al-Qur'an Menggunakan Fuzzy Associative Memory (Fam). *TECHSI - Jurnal Teknik Informatika*, 11(3), 395. <https://doi.org/10.29103/techsi.v11i3.2025>
- Simarmata, A. M., Putra, A. Z., & Husein, A. M. (2024). *Penerapan Metode Computer Vision Dalam Klasifikasi Buah Jeruk Menggunakan Teknik Image Pre-Processing*. 3(2), 110–116.
- Sun, S., Mo, B., Xu, J., Li, D., Zhao, J., & Han, S. (2024). Multi-YOLOv8: An infrared moving small object detection model based on YOLOv8 for air vehicle. *Neurocomputing*, 588(November 2023). <https://doi.org/10.1016/j.neucom.2024.127685>
- Sun, Y., Sun, Z., & Chen, W. (2024). The evolution of object detection methods. In *Engineering Applications of Artificial Intelligence* (Vol. 133, Issue PE, p. 108458). Elsevier Ltd. <https://doi.org/10.1016/j.engappai.2024.108458>
- Torres-García, A. A., Mendoza-Montoya, O., Molinas, M., Antelis, J. M., Moctezuma, L. A., & Hernández-Del-Toro, T. (2022). Chapter 4 - Pre-processing and feature extraction. In A. A. Torres-García, C. A. Reyes-García, L. Villaseñor-Pineda, & O. Mendoza-Montoya (Eds.), *Biosignal Processing and Classification Using Computational Learning and Intelligence* (pp. 59–91). Academic Press. <https://doi.org/https://doi.org/10.1016/B978-0-12-820125-1.00014-2>
- 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*. 7464–7475. <https://doi.org/10.1109/cvpr52729.2023.00721>
- Wang, C., Zhang, Y., Zhou, Y., Sun, S., Zhang, H., & Wang, Y. (2022). Automatic detection of indoor occupancy based on improved YOLOv5 model. *Neural Computing and Applications*, 35. <https://doi.org/10.1007/s00521-022-07730-3>
- Xu, W., Cui, C., Ji, Y., Li, X., & Li, S. (2024). YOLOv8-MPEB small target detection algorithm based on UAV images. *Heliyon*, 10(8). <https://doi.org/10.1016/j.heliyon.2024.e29501>