

DAFTAR PUSTAKA

- Abdulateef, S. K., & Salman, M. D. (2021). A Comprehensive Review of Image Segmentation Techniques. *Iraqi Journal for Electrical and Electronic Engineering*, 17(2), 166-175. <https://doi.org/10.37917/ijeee.17.2.18>
- Adedibu, P. A., Son, O., Tekutyeva, L., & Balabanova, L. (2024). Pathogenomic Insights into *Xanthomonas oryzae* pv. *oryzae*'s Resistome, Virulome, and Diversity for Improved Rice Blight Management. *Life*, 14(12). <https://doi.org/10.3390/life14121690>
- Ahmad, T. M., Haider, M. S., Randhir, T. O., Randhir, R., & Ahmad, S. R. (2023). Spatial analysis of factors influencing bacterial leaf blight in rice production. *Brazilian Journal of Biology*, 83. <https://doi.org/10.1590/1519-6984.264249>
- Ahmed, T., Noman, M., Jiang, H., Shahid, M., Ma, C., Wu, Z., Nazir, M. M., Ali, M. A., White, J. C., Chen, J., & Li, B. (2022). Bioengineered chitosan-iron nanocomposite controls bacterial leaf blight disease by modulating plant defense response and nutritional status of rice (*Oryza sativa* L.). *Nano Today*, 45. <https://doi.org/10.1016/j.nantod.2022.101547>
- Arafat, M. Y., Alam, M. M., & Moh, S. (2023). Vision-Based Navigation Techniques for Unmanned Aerial Vehicles: Review and Challenges. In *Drones* (Vol. 7, Issue 2). Multidisciplinary Digital Publishing Institute (MDPI). <https://doi.org/10.3390/drones7020089>
- Aslan, M. F., Durdu, A., Sabanci, K., Ropelewska, E., & Gültekin, S. S. (2022). A Comprehensive Survey of the Recent Studies with UAV for Precision Agriculture in Open Fields and Greenhouses. *Applied Sciences*, 12(3), 1047. <https://doi.org/10.3390/app12031047>
- Cuevas, E., García-De-Lira, S. J., Ascencio-Piña, C. R., Pérez-Cisneros, M., & Vega, S. (2025). Integrating agent-based models and clustering methods for improving image segmentation. *Heliyon*, 11(1). <https://doi.org/10.1016/j.heliyon.2024.e40698>
- David Shamoo Excel. (2024). Computer Vision Promising Innovations. *World Journal of Advanced Research and Reviews*, 23(3), 610-619. <https://doi.org/10.30574/wjarr.2024.23.3.2725>
- Divya M, Rangaswamy MG, & Raghavendra MY. (2024). Exploration of image processing in various domains: A review. *World Journal of Advanced Research and Reviews*, 24(3), 3169-3177. <https://doi.org/10.30574/wjarr.2024.24.3.4038>

- García-Munguía, A., Guerra-Ávila, P. L., Islas-Ojeda, E., Flores-Sánchez, J. L., Vázquez-Martínez, O., García-Munguía, A. M., & García-Munguía, O. (2024). A Review of Drone Technology and Operation Processes in Agricultural Crop Spraying. In *Drones* (Vol. 8, Issue 11). Multidisciplinary Digital Publishing Institute (MDPI). <https://doi.org/10.3390/drones8110674>
- Joko, T., Kristamtini, K., Sumarno, S., & Andriyanto, R. (2019). The Resistance of Local Pigmented Rice Varieties against Bacterial Leaf Blight. *Jurnal Perlindungan Tanaman Indonesia*, 23(2), 205. <https://doi.org/10.22146/jpti.46902>
- Lindroth, H., Nalaie, K., Raghu, R., Ayala, I. N., Busch, C., Bhattacharyya, A., Moreno Franco, P., Diedrich, D. A., Pickering, B. W., & Herasevich, V. (2024). Applied Artificial Intelligence in Healthcare: A Review of Computer Vision Technology Application in Hospital Settings. In *Journal of Imaging* (Vol. 10, Issue 4). Multidisciplinary Digital Publishing Institute (MDPI). <https://doi.org/10.3390/jimaging10040081>
- Liu, C. (2024). A Review of Digital Image Processing Techniques and Future Prospects. *International Journal of Computer Science and Information Technology*, 4(3), 223-233. <https://doi.org/10.62051/ijcsit.v4n3.22>
- McCarthy, C., Nyoni, Y., Kachamba, D. J., Banda, L. B., Moyo, B., Chisambi, C., Banfill, J., & Hoshino, B. (2023). Can Drones Help Smallholder Farmers Improve Agriculture Efficiencies and Reduce Food Insecurity in Sub-Saharan Africa? Local Perceptions from Malawi. *Agriculture (Switzerland)*, 13(5). <https://doi.org/10.3390/agriculture13051075>
- Nurkayah, Sidiq, A. N., & Murdini, L. A. (2024). Indonesian Research Journal on Education Identifikasi Prevalensi dan Karakterisasi Penyakit Tanaman Padi (*Oryza Sativa* L). In *Indonesian Research Journal on Education* (Vol. 4).
- Pham, H. V, Tran, T. G., Le, C. D., Le, A. D., & Vo, H. B. (n.d.). *Benchmarking Jetson Edge Devices with an End-to-end Video-based Anomaly Detection System*.
- Priyanto, T., Suryadi, Apriyanto, M., & Mardesci, H. (2025). Uji Daya Hasil Beberapa Varietas Tanaman Padi (*Oryza sativa* L.) Di Kecamatan Kempas Kabupaten Indragiri Hilir. *Jurnal Agro Indragiri*, 4(1).
- Rehman, H. U., & Atiq, R. (2024). A disease predictive model based on epidemiological factors for the management of bacterial leaf blight of rice. *Brazilian Journal of Biology*, 84. <https://doi.org/10.1590/1519-6984.259259>

- Sabri, S., Ab Wahab, M. Z., Sapak, Z., & Mohd Anuar, I. S. (2023). A review of bacterial diseases of rice and its management in Malaysia. In *Food Research* (Vol. 7, pp. 120-133). Rynnye Lyan Resources. [https://doi.org/10.26656/fr.2017.7\(S2\).20](https://doi.org/10.26656/fr.2017.7(S2).20)
- Sahmanda, Y., Okalia, D., & Ezward, C. (2021). *KARAKTERISTIK MORFOLOGI MALAI DAN BUNGAPADA 14 GENOTIPE PADI LOKAL (Oryza sativa. L)KABUPATEN KUANTAN SINGINGI*.
- Sari, Y., Antonio, J., Ayu Sulastri, M., Fahmi Purba, K., Wardani, A., & Revina Putri, R. (2025). *KOMODITAS PERTANIAN UNGGULAN BASIS SUMBER KARBOHIDRAT DAN PROTEIN DI SUMATERA SELATAN* (Issue 2).
- Sathyanarayanan, S. (2024). Confusion Matrix-Based Performance Evaluation Metrics. *African Journal of Biomedical Research*, 4023-4031. <https://doi.org/10.53555/ajbr.v27i4s.4345>
- Sayekti, N. A., Purnawati, A., & Lestari, S. R. (2024). Characterization of Bacterial Blight Pathogen on Rice Plants in Sidoarjo. *Journal of Applied Plant Technology*, 3(2), 130-136. <https://doi.org/10.30742/xwdype52>
- Sohan, M., Sai Ram, T., & Rami Reddy, Ch. V. (2024). *A Review on YOLOv8 and Its Advancements* (pp. 529-545). https://doi.org/10.1007/978-981-99-7962-2_39
- WAHYUNI, S., YUSUP, C. A., MULYATNI, A. S., ERIS, D. D., PRIYONO, P., & SISWANTO, S. (2022). Aplikasi kitosan untuk penekanan kejadian penyakit dan peningkatan hasil panen tanaman padi (*Oryza sativa* L.). *E-Journal Menara Perkebunan*, 90(2). <https://doi.org/10.22302/iribb.jur.mp.v90i2.484>
- Widayani, A., Putra, A. M., Maghriebe, A. R., Adi, D. Z. C., & Ridho, Moh. H. F. (2024). Review of Application YOLOv8 in Medical Imaging. *Indonesian Applied Physics Letters*, 5(1), 23-33. <https://doi.org/10.20473/iapl.v5i1.57001>
- Yani, N. A. N. A., Fauzi, S. S. M., Zaki, N. A. M., & Ismail, M. H. (2024). A Systematic Literature Review on Leaf Disease Recognition Using Computer Vision and Deep Learning Approach. In *Journal of Information Systems Engineering and Business Intelligence* (Vol. 10, Issue 2, pp. 232-249). Airlangga University. <https://doi.org/10.20473/jisebi.10.2.232-249>
- Zhang, X. (2024). *Current Research and Applications of Combining Computer Vision (CV) and Machine Learning (ML) at Home and Abroad CiteSpace-based Integration of CNKI and Google Scholar's Public Research Results for 2019-2024* (pp. 57-63). https://doi.org/10.2991/978-94-6463-504-1_7