DAFTAR PUSTAKA

Badan Pusat Statistik. (2024, February 13). *Produksi Tanaman Sayuran, 2021-2023*. Badan Pusat Statistik. https://www.bps.go.id/id/statistics-table/2/NjEjMg==/produksi-tanaman-sayuran.html

Bastari, A. J., & Cherid, A. (2023). Klasifikasi Penyakit Tanaman Tomat Menggunakan Convolutional Neural Network dan Implementasi Model H5 Pada Aplikasi Desktop. *SIMKOM*, *8*(2), 199–207. https://doi.org/10.51717/simkom.v8i2.194

Bogdanchikov, A., Zhaparov, M., & Suliyev, R. (2013). Python to learn programming. *Journal of Physics: Conference Series*, *423*(1). https://doi.org/10.1088/1742-6596/423/1/012027

Echo, P. (2022, January 3). *Atasi Hama yang Menyerang Tanaman Tomat Tanpa Pestisida Kimia*. Fakultas Pertanian Dan Peternakan Universitas Muhammadiyah Kotabumi. https://fpp.umko.ac.id/2022/01/03/atasi-hama-yang-menyerang-tanaman-tomat-tanpa-pestisida-kimia/

Faisal, M., Alsulaiman, M., Arafah, M., & Mekhtiche, M. A. (2020). IHDS: Intelligent harvesting decision system for date fruit based on maturity stage using deep learning and computer vision. *IEEE Access*, *8*, 167985–167997. https://doi.org/10.1109/ACCESS.2020.3023894

Hassan, E., Shams, M. Y., Hikal, N. A., & Elmougy, S. (2023). The effect of choosing optimizer algorithms to improve computer vision tasks: a comparative study. *Multimedia Tools and Applications*, *82*(11), 16591–16633. https://doi.org/10.1007/s11042-022-13820-0

Hendri, D., & Andika, B. (2020). DIAGNOSA SISTEM PENYAKIT MOSSAIC VIRUM PADA TANAMAN TOMAT DENGAN MENGGUNAKAN METODE CERTAINTY FACTOR. *Jurnal SI (SISTEM INFORMASI*.

Herrmann, I., Berenstein, M., Sade, A., Karnieli, A., Bonfil, D. J., & Weintraub, P. G. (2012). Spectral monitoring of two-spotted spider mite damage to pepper leaves. *Remote Sensing Letters*, *3*(4), 277–283. https://doi.org/10.1080/01431161.2011.576709

Iswantoro, D., & Handayani UN, D. (2022). Klasifikasi Penyakit Tanaman Jagung Menggunakan Metode Convolutional Neural Network (CNN). *Jurnal Ilmiah Universitas Batanghari Jambi*, *22*(2), 900. https://doi.org/10.33087/jiubj.v22i2.2065

Kaustubh, B. (2020, April 24). *Tomato leaf disease detection*. Kaggle. https://www.kaggle.com/datasets/kaustubhb999/tomatoleaf

Kementan. (2023). *Teknologi Produksi Tomat*.

Kil, E. J., Byun, H. S., Hwang, H., Lee, K. Y., Choi, H. S., Kim, C. S., & Lee, S. (2021). Tomato yellow leaf curl virus infection in a monocotyledonous weed (Eleusine indica). *Plant Pathology Journal*, *37*(6), 641–651. https://doi.org/10.5423/PPJ.FT.11.2021.0162

Krisnawati, E., & Adirianto, B. (2019). *TEKNOLOGI PEMUPUKAN RAMAH LINGKUNGAN*. Badan Penyuluhan dan Pengembangan SDM Pertanian Kementrian Pertanian.

Mamode Ally, N., Neetoo, H., Ranghoo-Sanmukhiya, M., Hardowar, S., Vally, V., Gungoosingh-Bunwaree, A., Coutinho, T. A., Vojvodić, M., & Bulajić, A. (2020). First Report of Target Spot on Tomato Caused by Corynespora

cassiicola in Mauritius. *Plant Disease*, *105*(1), 226. https://doi.org/10.1094/PDIS-05-20-1119-PDN

Minarno, A. E., Aripa, L., Azhar, Y., & Munarko, Y. (2023). Classification of Malaria Cell Image Using Inception-V3 Architecture. *INTERNATIONAL JOURNAL ON INFORMATICS VISUALIZATION*, *7*(2), 273–278. www.joiv.org/index.php/joiv

Montesinos López, O. A., Montesinos López, A., & Crossa, J. (2022). Convolutional Neural Networks. In O. A. Montesinos López, A. Montesinos López, & J. Crossa (Eds.), *Multivariate Statistical Machine Learning Methods for Genomic Prediction* (pp. 533–577). Springer International Publishing. https://doi.org/10.1007/978-3-030-89010-0_13

Mumuni, A., & Mumuni, F. (2022). Data augmentation: A comprehensive survey of modern approaches. In *Array* (Vol. 16). Elsevier B.V. https://doi.org/10.1016/j.array.2022.100258

Muslih, & Danang Krismawan, A. (2024). *KLASIFIKASI PENYAKIT DAUN TOMAT BERBASIS ALGORITMA K-NEAREST NEIGHBOR*.

Ningsih, N. P., Suryadi, E., Darmawan Bakti, L., & Imran, B. (2022). KLASIFIKASI PENYAKIT EARLY BLIGHT DAN LATE BLIGHT PADA TANAMAN TOMAT BERDASARKAN CITRA DAUN MENGGUNAKAN METODE CNN BERBASIS WEBSITE CLASSIFICATION OF EARLY BLIGHT AND LATE BLIGHT DISEASES ON TOMATO PLANTS BASED OF LEAF IMAGERY USING A WEBSITE BASED CONVOLUTIONAL NEURAL NETWORK

METHOD. In *Jurnal Kecerdasan Buatan dan Teknologi Informasi (JKBTI)* (Vol. 1, Issue 3).

Nurtantio Andono, P., Sutojo, T., & Muljono. (2017). *PENGOLAHAN CITRA DIGITAL* (A. Pramesta, Ed.; 1st ed.). ANDI (Anggota IKAPI).

Osdaghi, E., Jones, J. B., Sharma, A., Goss, E. M., Abrahamian, P., Newberry, E. A., Potnis, N., Carvalho, R., Choudhary, M., Paret, M. L., Timilsina, S., & Vallad, G. E. (2021). A centenary for bacterial spot of tomato and pepper. *Molecular Plant Pathology*, *22*(12), 1500–1519. https://doi.org/10.1111/mpp.13125

Panthee, D. R., Pandey, A., & Paudel, R. (2024). Multiple Foliar Fungal Disease Management in Tomatoes: A Comprehensive Approach. *International Journal of Plant Biology*, *15*(1), 69–93. https://doi.org/10.3390/ijpb15010007

Parvin, I., Mondal, C., Sultana, S., Sultana, N., & Aminuzzaman, F. M. (2021). Pathological Survey on Early Leaf Blight of Tomato and In Vitro Effect of Culture Media, Temperature and pH on Growth and Sporulation of Alternaria solani. *OALib*, *08*(03), 1–17. https://doi.org/10.4236/oalib.1107219

Prabowo, D. A., Abdullah, D., & Manik, A. (2018). DETEKSI DAN PERHITUNGAN OBJEK BERDASARKAN WARNA MENGGUNAKAN COLOR OBJECT TRACKING. In *Jurnal Pseudocode* (Issue 2). www.ejournal.unib.ac.id/index.php/pseudocode

Pradana, W. (2021, December 24). *Gagal Panen, Petani di Lembang Babat Habis 25 Ribu Pohon Tomatnya*. DetikNews. https://news.detik.com/berita-jawa-

barat/d-5869139/gagal-panen-petani-di-lembang-babat-habis-25-ribu-pohon-tomatnya

Purwono, Ma'arif, A., Rahmaniar, W., Fathurrahman, H. I. K., Frisky, A. Z. K., & Haq, Q. M. U. (2022). Understanding of Convolutional Neural Network (CNN): A Review. *International Journal of Robotics and Control Systems*, *2*(4), 739–748. https://doi.org/10.31763/ijrcs.v2i4.888

Putri, A. W. (2021). IMPLEMENTASI ARTIFICIAL NEURAL NETWORK (ANN) BACKPROPAGATION UNTUK KLASIFIKASI JENIS PENYAKIT PADA DAUN TANAMAN TOMAT. *Jurnal Ilmiah Matematika* , *09*(02).

Raup, A., Ridwan, W., Khoeriyah, Y., Yuliati Zaqiah, Q., & Islam Negeri Sunan Gunung Djati Bandung, U. (2022). Deep Learning dan Penerapannya dalam Pembelajaran. *JIIP (Jurnal Ilmiah Ilmu Pendidikan)*, *5*(9), 3258–3267. http://Jiip.stkipyapisdompu.ac.id

Shah, D., Kawale, K., Shah, M., Randive, S., & Mapari, R. (2020). Malaria parasite detection using deep learning:(Beneficial to humankind). *2020 4th International Conference on Intelligent Computing and Control Systems (ICICCS)*, 984–988.

Sucianto, E. T., & Abbas, M. (2021). Diversity of Pathogenic Fungi and Disease on Vegetable Crops at Polyculture Systems. *Biosaintifika*, *13*(2), 158–168. https://doi.org/10.15294/biosaintifika.v13i2.26987

Taye, M. M. (2023a). Theoretical Understanding of Convolutional Neural Network: Concepts, Architectures, Applications, Future Directions. In

Computation (Vol. 11, Issue 3). MDPI. https://doi.org/10.3390/computation11030052

Taye, M. M. (2023b). Understanding of Machine Learning with Deep Learning: Architectures, Workflow, Applications and Future Directions. In *Computers* (Vol. 12, Issue 5). MDPI. https://doi.org/10.3390/computers12050091

Ting, K. M. (2010). Confusion Matrix. In G. I. Sammut Claude and Webb (Ed.), *Encyclopedia of Machine Learning* (p. 209). Springer US. https://doi.org/10.1007/978-0-387-30164-8_157

Wijaya, A. E., Swastika, W., & Kelana, O. H. (2021). IMPLEMENTASI TRANSFER LEARNING PADA CONVOLUTIONAL NEURAL NETWORK UNTUK DIAGNOSIS COVID-19 DAN PNEUMONIA PADA CITRA X-RAY. In *SAINSBERTEK Jurnal Ilmiah Sains & Teknologi* (Vol. 2).

Wiryanta, B. T. (2002). *Bertanam Tomat* (Printing 1). Agromedia Pustaka.

Zhao, T., Pei, T., Jiang, J., Yang, H., Zhang, H., Li, J., & Xu, X. (2022). Understanding the mechanisms of resistance to tomato leaf mold: A review. *Horticultural Plant Journal*, *8*(6), 667–675. https://doi.org/10.1016/j.hpj.2022.04.008