

Daftar Pustaka

- Abade, A., Ferreira, P. A. and de Barros Vidal, F. (2021), ‘Plant diseases recognition on images using convolutional neural networks: A systematic review’, *Computers and Electronics in Agriculture* **185**, 106125.
- Bafdal, N. and Ardiansah, I. (2020), *Smart Farming Berbasis Internet Of Things dalam Greenhouse*, Unpad Press.
- Balakrishna, G. and Moparthi, N. R. (2020), ‘Study report on indian agriculture with iot’, *International Journal of Electrical and Computer Engineering* **10**(3), 2322.
- Bapat, V., Kale, P., Shinde, V., Deshpande, N. and Shaligram, A. (2017), ‘Wsn application for crop protection to divert animal intrusions in the agricultural land’, *Computers and electronics in agriculture* **133**, 88–96.
- Chendvenkar, R. P. (2021), Identification and classification of leaf pests within the Indonesian mango farms using machine learning, PhD thesis, Dublin, National College of Ireland.
- DeChant, C., Wiesner-Hanks, T., Chen, S., Stewart, E. L., Yosinski, J., Gore, M. A., Nelson, R. J. and Lipson, H. (2017), ‘Automated identification of northern leaf blight-infected maize plants from field imagery using deep learning’, *Phytopathology* **107**(11), 1426–1432.
- Devanand, W. A., Raghunath, R. D., Baliram, A. S. and Kazi, K. (2019), ‘Smart agriculture system using iot’, *Int. J. Innov. Res. Technol* **5**(10).
- Gao, D., Sun, Q., Hu, B. and Zhang, S. (2020), ‘A framework for agricultural pest and disease monitoring based on internet-of-things and unmanned aerial vehicles’, *Sensors* **20**(5), 1487.
- García, L., Parra, L., Jimenez, J. M., Lloret, J. and Lorenz, P. (2020), ‘Iot-based smart irrigation systems: An overview on the recent trends on sensors and iot systems for irrigation in precision agriculture’, *Sensors* **20**(4), 1042.
- Haque, M., Marwaha, S., Deb, C. K., Nigam, S., Arora, A., Hooda, K. S., Soujanya, P. L., Aggarwal, S. K., Lall, B., Kumar, M. et al. (2022), ‘Deep

- learning-based approach for identification of diseases of maize crop’, *Scientific reports* **12**(1), 1–14.
- Kim, J., Nam, H. Y., Kwon, M., Kim, H. J., Yi, H. J., Haenniger, S., Unbehend, M. and Heckel, D. G. (2021), ‘Development of a simple and accurate molecular tool for spodoptera frugiperda species identification using lamp’, *Pest Management Science* **77**(7), 3145–3153.
- Kumar, R., Mishra, R., Gupta, H. P. and Dutta, T. (2021), ‘Smart sensing for agriculture: Applications, advancements, and challenges’, *IEEE Consumer Electronics Magazine* **10**(4), 51–56.
- Lakshmi, K. M., Raja, C., Sreekanth, D. and Renuka, N. (2020), ‘Security for protecting agricultural crops from wild animals using gsm technology’, *Journal of Shanghai Jiaotong University* **16**(7).
- Li, L., Zhang, S. and Wang, B. (2021), ‘Plant disease detection and classification by deep learning—a review’, *IEEE Access* **9**, 56683–56698.
- Liu, J. and Wang, X. (2021), ‘Plant diseases and pests detection based on deep learning: a review’, *Plant Methods* **17**(1), 1–18.
- Mahalakshmi, S. D. and Vijayalakshmi, K. (2021), ‘Agro suraksha: pest and disease detection for corn field using image analysis’, *Journal of Ambient Intelligence and Humanized Computing* **12**(7), 7375–7389.
- Mahub, M. (2020), ‘A smart farming concept based on smart embedded electronics, internet of things and wireless sensor network’, *Internet of Things* **9**, 100161.
- Ramalingam, B., Mohan, R. E., Pookkuttath, S., Gómez, B. F., Sairam Borusu, C. S. C., Wee Teng, T. and Tamilselvam, Y. K. (2020), ‘Remote insects trap monitoring system using deep learning framework and iot’, *Sensors* **20**(18), 5280.
- Ramesh, B., Divya, M. and Revathi, G. (2020), Farm easy-iot based automated irrigation, monitoring and pest detection using thingspeak for analysis of ladies finger plant., in ‘2020 International Conference on Recent Trends on Electronics, Information, Communication & Technology (RTEICT)’, IEEE, pp. 237–241.
- Refaai, M. R., Dattu, V. S., Gireesh, N., Dixit, E., Sandeep, C., Christopher, D. et al. (2022), ‘Application of iot-based drones in precision agriculture for pest control’, *Advances in Materials Science and Engineering* **2022**.

- Saleem, M. H., Potgieter, J. and Arif, K. M. (2021), ‘Automation in agriculture by machine and deep learning techniques: A review of recent developments’, *Precision Agriculture* **22**(6), 2053–2091.
- Simonyan, K. and Zisserman, A. (2014), ‘Very deep convolutional networks for large-scale image recognition’.
URL: <https://arxiv.org/abs/1409.1556>
- Wang, B. (2022), ‘Identification of crop diseases and insect pests based on deep learning’, *Scientific Programming* **2022**.