

DAFTAR PUSTAKA

- Abdul Kader, M. M. M., Razali, Z. B., Mustafa, W. A., Mansor, M. N., Nagoor Gunny, A. A., Akbar, M. F., Osman, M. K., Setumin, S., Idris, M., Bin Ramli, M. A., & Sharifful Mizam, N. S. (2022). Development of a Multi-Fan System (MFS) in a Plant Factory with Artificial Light. *2022 IEEE International Conference on Power and Energy: Advancement in Power and Energy Systems towards Sustainable and Resilient Energy Supply, PECon 2022*, 269–274. <https://doi.org/10.1109/PECon54459.2022.9988825>
- Ahmed, H. A., Yu-xin, T., & Qi-chang, Y. (2020). Lettuce plant growth and tipburn occurrence as affected by airflow using a multi-fan system in a plant factory with artificial light. *Journal of Thermal Biology*, 88. <https://doi.org/10.1016/j.jtherbio.2019.102496>
- Budiman, H. (2016). ANALISIS DAN PERBANDINGAN AKURASI MODEL PREDIKSI RENTET WAKTU SUPPORT VECTOR MACHINES DENGAN SUPPORT VECTOR MACHINES PARTICLE SWARM OPTIMIZATION UNTUK ARUS LALU LINTAS JANGKA PENDEK. *SYSTEMIC*, 02(01), 19–24.
- Choi, K. Y., Paek, K. Y., & Lee, Y. B. (2000). Effect of Air Temperature on Tipburn Incidence of Butterhead and Leaf Lettuce in a Plant Factory. In *Transplant Production in the 21st Century* (pp. 166–171). Springer Netherlands. https://doi.org/10.1007/978-94-015-9371-7_27
- Data, M., Yahya, W., & Kurniawan, A. (2019). Implementasi Teknologi Virtualisasi Berbasis Kontainer untuk Perangkat Internet of Things pada Pertanian Presisi. *CYBERNETICS*, 3(1), 1–7.
- Fang, H., Li, K., Wu, G., Cheng, R., Zhang, Y., & Yang, Q. (2020). A CFD analysis on improving lettuce canopy airflow distribution in a plant factory considering the crop resistance and LEDs heat dissipation. *Biosystems Engineering*, 200, 1–12. <https://doi.org/10.1016/j.biosystemseng.2020.08.017>
- Fatchurrohman, N., & Chia, S. T. (2017). Performance of hybrid nano-micro reinforced mg metal matrix composites brake calliper: Simulation approach.

IOP Conference Series: Materials Science and Engineering, 257(1).

<https://doi.org/10.1088/1757-899X/257/1/012060>

Hamzah, A., Alfian, R., Khoirunnisa, N., & Fikrinda, W. (2022). Khoirunnisa dan W. Fikrinda. 2022. Perbandingan Model Tanam Konvensional Dan Plant Factory Terhadap Sayuran Caisim. *Jurnal Buana Sains*, 22(3), 1412–1638.

Heksaputra, D., Azani, Y., Naimah, Z., Informatika, T., & Industri, T. (2013). Penentuan Pengaruh Iklim Terhadap Pertumbuhan Tanaman dengan Naïve Bayes. *Seminar Nasional Aplikasi Teknologi Informasi (SNATI)*, 34–39.

Hidayat, R. N., Sabri, L. M., & Awaluddin, M. (2019). ANALISIS DESAIN JARING GNSS BERDASARKAN FUNGSI PRESISI (STUDI KASUS : TITIK GEOID GEOMETRI KOTA SEMARANG). In *Jurnal Geodesi Undip Januari* (Vol. 8).

Huang, K. L., Yang, C. L., & Kuo, C. M. (2020). Plant factory crop scheduling considering volume, yield changes and multi-period harvests using Lagrangian relaxation. *Biosystems Engineering*, 200, 328–337. <https://doi.org/10.1016/j.biosystemseng.2020.10.012>

Hwang, J., Jeong, H., & Yoe, H. (2014). Design and Implementation of the Intelligent Plant Factory System Based on Ubiquitous Computing. *Advances in Intelligent Systems and Computing*, 291, 89–97. https://doi.org/10.1007/978-3-319-07596-9_10

Junaedi, I. N. A., Amrita, A. A. N., & Setiawan, I. N. (2022). Implementasi Sistem Pemantauan Suhu dan Kelembaban Udara Berbasis IoT pada Plant Factory Kebun Percobaan Fakultas Pertanian Universitas Udayana. *Jurnal SPEKTRUM*, 9(2), 8–19.

Kozai, T., Niu, G., & Joseph, M. (2022). *PLANT FACTORY BASICS, APPLICATIONS AND ADVANCES*.

Kwon, S.-Y., Ryu, S.-H., & Lim, J. (2013). Design and implementation of an integrated management system in a plant factory to save energy. *Cluster Computing*, 17, 727–740. <https://doi.org/10.1007/s10586-013-0295-2>

Lee, J. G., Choi, C. S., Jang, Y. A., Jang, S. W., Lee, S. G., & Um, Y. C. (2013). Effects of air temperature and air flow rate control on the tipburn occurrence

of leaf lettuce in a closed-type plant factory system. *Horticulture Environment and Biotechnology*, 54(4), 303–310. <https://doi.org/10.1007/s13580-013-0031-0>

Leonardo, C., Suraidi, & Harlianto Tanudjaya. (2019). ANALISIS KALIBRASI PENGUKURAN DAN KETIDAKPASTIAN SOUND LEVEL METER. *Jurnal Teknik Industri*, 8(1), 46–53.

Li, K., Fang, H., Zou, Z. rong, & Cheng, R. feng. (2021). Optimization of rhizosphere cooling airflow for microclimate regulation and its effects on lettuce growth in plant factory. *Journal of Integrative Agriculture*, 20(10), 2680–2695. [https://doi.org/10.1016/S2095-3119\(20\)63382-2](https://doi.org/10.1016/S2095-3119(20)63382-2)

Maeda, K., & Ito, Y. (2020). Effect of different PPFDs and photoperiods on growth and yield of everbearing strawberry “elan” in plant factory with white LED lighting. *Environmental Control in Biology*, 58(4), 99–104. <https://doi.org/10.2525/ECB.58.99>

Maricar, M. A. (2019). Analisa Perbandingan Nilai Akurasi Moving Average dan Exponential Smoothing untuk Sistem Peramalan Pendapatan pada Perusahaan XYZ. *Jurnal Sistem Dan Informatika*, 13(2), 36–45.

Maulana, S. (2016). PEMANFAATAN COMPUTATIONAL FLUID DYNAMICS (CFD) DALAM STRATEGI PENELITIAN SIMULASI MODEL PADA TEKNOLOGI PENGHAWAAN RUANG. In *JURNAL EDUCATION BUILDING* (Vol. 2, Issue 2).

Mustaqimah, M., Safrizal, A., Putera, B., & Widodo, S. (2019). Simulasi Kecepatan Udara dan Pengaruhnya Terhadap Suhu dan Kelembaban Relatif pada Mini Plant Factory. *Jurnal Keteknik Pertanian*, 7(1), 107–114.

Nabillah, I., & Ranggadara, I. (2020). Mean Absolute Percentage Error untuk Evaluasi Hasil Prediksi Komoditas Laut. *JOINS (Journal of Information System)*, 5(2), 250–255. <https://doi.org/10.33633/joins.v5i2.3900>

Padilah, T. N., & Adam, R. I. (2019). ANALISIS REGRESI LINIER BERGANDA DALAM ESTIMASI PRODUKTIVITAS TANAMAN PADI DI KABUPATEN KARAWANG. *Jurnal Pendidikan Matematika Dan Matematika*, 5(2), 117–128.

- Prabawa, S., Pramudya, B., Astika, W., Praeko, R., Setiawan, A., & Rustiadi, E. (2009). Sistem Informasi Geografis dalam Pertanian Presisi Aplikasi pada Kegiatan Pemupukan di Perkebunan Tebu. *Prosiding Seminar Nasional Himpunan Informatika Pertanian Indonesia*, 978–979.
- Purwania, I., Kumara, I., & Sudarma, M. (2020). Application of IoT-Based System for Monitoring Energy Consumption. *International Journal of Engineering and Emerging Technology*, 5(2), 81–93.
- Qonit, M. A. H., Fauzi, A. A., & Mubarak, S. (2018). Review: Pemanfaatan Teknologi Plant Factory untuk Budidaya Tanaman Sayuran di Indonesia Review: Utilization of Technology in Plant factory for Vegetable Crops Cultivation in Indonesia. *Jurnal Agrotek Indonesia*, 3(1), 44–50.
- Romdhonah, Y., Suhardiyanto, H., & Saptomo, S. K. (2015). Analisis Ventilasi Alamiah pada Greenhouse Tipe Standard Peak Menggunakan Computational Fluid Dynamics. *Jurnal Ilmiah Rekayasa Pertanian Dan Biosistem*, 3(2).
- Saydi, R., Agroteknologi, J., & Pertanian, F. (2021). Monitoring Curah Hujan dan Kelengasan Tanah Lahan Pertanian Menggunakan Sensor Berbasis Internet of Think (IoT) sebagai Dasar Pertanian Presisi. *Jurnal Ilmiah Teknologi Pertanian Agrotechno*, 6(1), 25–31.
- Sebayang, L. (2014). *BERCOCOK TANAM PAPRIKA*.
- Shimizu, H., Saito, Y., Nakashima, H., Miyasaka, J., & Ohdoi, K. (2011). Light environment optimization for lettuce growth in plant factory. *IFAC Proceedings Volumes (IFAC-PapersOnline)*, 44(1 PART 1), 605–609. <https://doi.org/10.3182/20110828-6-IT-1002.02683>
- Sondakh, J., Rembang, J. H. W., & Syahyuti, N. (2021). KARAKTERISTIK, POTENSI GENERASI MILENIAL DAN PERSPEKTIF PENGEMBANGAN PERTANIAN PRESISI DI INDONESIA. *Forum Penelitian Agro Ekonomi*, 38(2), 155. <https://doi.org/10.21082/fae.v38n2.2020.155-166>
- Suhairi, M., & Tuzsakdiah, D. H. (2023). Jurnal Politeknik Caltex Riau Sistem Kontrol Dan Monitoring Intensitas Cahaya dan Suhu Tanaman Selada Pada

- Greenhouse BerBasis IoT. *Jurnal ELEMENTER*, 9(1), 86–93.
<https://jurnal.pcr.ac.id/index.php/elementer/>
- Sulistiya, & Sadlie, A. K. (2018). VALIDASI MODEL TURBULENSI PADA SIMULASI NUMERIK MENGGUNAKAN SOFTWARE FLUENT DENGAN SAYAP ONERA M6 VALIDATION OF TURBULENCE MODEL IN NUMERICAL SIMULATION USING FLUENT SOFTWARE WITH WINGS ONERA M6. *Journal of Aero Technology*, 2(1), 19–25.
- Suwardana, R., Nugroho, A. P., Prasetyatama, Y. D., Falah, M. A. F., Sutiarto, L., & Okayasu, T. (2022). Analysis of airflow distribution on urban mini plant factory using computational fluid dynamics. *IOP Conference Series: Earth and Environmental Science*, 1116(1). <https://doi.org/10.1088/1755-1315/1116/1/012029>
- Syah, A., Santoso, P. J., Usman, F., Purnama, D. T., Penelitian, B., Buah, T., Raya, J., Km, S.-A., & Ma Tera Barat, S. (2003). Hubungan Laju Pertumbuhan dengan Saat Berbunga Untuk Seleksi Kegenjahan Tanaman Pepaya. *J. Hort*, 13(3), 182–189.
- Wicaksana, A. A., Wibowo, R., & Kabib, M. (2020). ANALISA INTENSITAS TURBULENSI ALIRAN UDARA PADA HONEYCOMB DENGAN BENTUK PENAMPANG MELINGKAR UNTUK WIND TUNNEL SUBSONIC. *Jurnal CRANKSHAFT*, 3(1), 2623–0755.
- Yamori, W., Zhang, G., Takagi, M., & Maruo, T. (2014). Feasibility Study of Rice Growth in Plant Factories. *Rice Research: Open Access*, 2(1). <https://doi.org/10.4172/jrr.1000119>
- Zhang, Y., & Kacira, M. (2022). Analysis of climate uniformity in indoor plant factory system with computational fluid dynamics (CFD). *Biosystems Engineering*, 220, 73–86.
<https://doi.org/10.1016/j.biosystemseng.2022.05.009>
- Zhang, Y., Kacira, M., & An, L. (2016). A CFD study on improving air flow uniformity in indoor plant factory system. *Biosystems Engineering*, 147, 193–205. <https://doi.org/10.1016/j.biosystemseng.2016.04.012>