

DAFTAR PUSTAKA

- Adeel, A. et al. (2019) 'A Survey on the Role of Wireless Sensor Networks and IoT in Disaster Management', pp. 57–66. doi: 10.1007/978-981-13-0992-2_5.
- Ahmad, S. et al. (2022) 'Proposed Framework for the Flood Disaster Management Cycle in Malaysia', *Sustainability (Switzerland)*, 14, pp. 1–21.
- Arivazhagan, S. et al. (2013) 'Detection of unhealthy region of plant leaves and classification of plant leaf diseases using texture features', *Agricultural Engineering International: CIGR Journal*, 15(1), pp. 211–217.
- Atzori, L., Iera, A. and Morabito, G. (2010) 'The Internet of Things: A survey', *Computer Networks*, 54(15), pp. 2787–2805. doi: 10.1016/j.comnet.2010.05.010.
- Baldocchi, D. D. et al. (2022) 'Atmospheric humidity deficits tell us how soil moisture deficits down-regulate ecosystem evaporation', *Advances in Water Resources*, 159(July 2021), p. 104100. doi: 10.1016/j.advwatres.2021.104100.
- Baradaran, A. A. and Tavazoei, M. S. (2022) 'Fuzzy system design for automatic irrigation of agricultural fields', *Expert Systems with Applications*. doi: 10.1016/j.eswa.2022.118602.
- Benyezza, H., Bouhedda, M. and Rebouh, S. (2021) 'Zoning irrigation smart system based on fuzzy control technology and IoT for water and energy saving', *Journal of Cleaner Production*, 302, p. 127001. doi: 10.1016/j.jclepro.2021.127001.
- BENYEZZA, H., BOUHEDDA, M. and REBOUH, S. (2021) 'Zoning Irrigation Smart System based on Fuzzy Control Technology and IoT for Water and Energy Saving', *Journal of Cleaner Production*, 302, p. 127001. doi: 10.1016/j.jclepro.2021.127001.
- Budiharto, W. (2019) 'Smart Farming yang Berwawasan Lingkungan Kesejahteraan Petani', *Prosiding Seminar Nasional Lahan Suboptimal*, (September), pp. 31–37.
- Cabra, J. et al. (2018) 'An IoT approach for wireless sensor networks applied to e-health environmental monitoring', *Proceedings - 2017 IEEE International Conference on Internet of Things, IEEE Green Computing and Communications, IEEE Cyber, Physical and Social Computing, IEEE Smart Data, iThings-GreenCom-CPSCom-SmartData 2017*, 2018-Janua(July), pp. 578–583. doi: 10.1109/iThings-GreenCom-CPSCom-SmartData.2017.91.
- Dong, X., Vuran, M. C. and Irmak, S. (2013) 'Autonomous precision agriculture through integration of wireless underground sensor networks with center pivot irrigation systems', *Ad Hoc Networks*, 11(7), pp. 1975–1987. doi: 10.1016/j.adhoc.2012.06.012.
- Fahrurrozi, M. and Nurraharjo, E. (2020) 'Automonitoring Kelembaban Media Tanam', *Jurnal Dinamika Informatika*, 12(2), pp. 60–67. doi: 10.35315/informatika.v12i2.8273.
- Harmanto et al. (2005) 'Water requirement of drip irrigated tomatoes grown in greenhouse in tropical environment', *Agricultural Water Management*, 71(3), pp. 225–242. doi: 10.1016/j.agwat.2004.09.003.

- Hung, L. Q., Hong, T. D. and Ellis, R. H. (2001) ‘Constant, fluctuating and effective temperature and seed longevity: A tomato (*Lycopersicon esculentum* Mill.) exemplar’, *Annals of Botany*, 88(3), pp. 465–470. doi: 10.1006/anbo.2001.1487.
- Ilmiah, J. et al. (2022) ‘Rancang Bangun Sistem Peringatan Tingkat Kelembaban Tanah dalam Pot Tanaman Indoor Berbasis Arduino Uno Design and Construction of Soil Moisture Level Warning System in Indoor Plants Based on Arduino Uno’, 1(1), pp. 1–13. doi: 10.31289/jitek.v1i1.1213.
- Jaiswal, S. and Ballal, M. S. (2020) ‘Fuzzy inference based irrigation controller for agricultural demand side management’, *Computers and Electronics in Agriculture*, 175(June), p. 105537. doi: 10.1016/j.compag.2020.105537.
- Kamp, G. Van Der (no date) ‘Water Level Changes in Ponds and Lakes : The Hydrological’, pp. 311–339.
- Kocakulak, M. and Butun, I. (2017) ‘An overview of Wireless Sensor Networks towards internet of things’, 2017 IEEE 7th Annual Computing and Communication Workshop and Conference, CCWC 2017, pp. 1–6. doi: 10.1109/CCWC.2017.7868374.
- Krishnan, R. S. et al. (2020) ‘Fuzzy Logic based Smart Irrigation System using Internet of Things’, *Journal of Cleaner Production*, 252, p. 119902. doi: 10.1016/j.jclepro.2019.119902.
- Lal, P. P. et al. (2022) ‘IoT integrated fuzzy classification analysis for detecting adulterants in cow milk’, *Sensing and Bio-Sensing Research*, 36(January), p. 100486. doi: 10.1016/j.sbsr.2022.100486.
- Li, M. et al. (2019) ‘A real-time fuzzy decision support system for alfalfa irrigation’, *Computers and Electronics in Agriculture*, 163(January), p. 104870. doi: 10.1016/j.compag.2019.104870.
- Li, W. and Kara, S. (2017) ‘Methodology for Monitoring Manufacturing Environment by Using Wireless Sensor Networks (WSN) and the Internet of Things (IoT)’, *Procedia CIRP*, 61, pp. 323–328. doi: 10.1016/j.procir.2016.11.182.
- Meana-Llorián, D. et al. (2017) ‘IoFClime: The fuzzy logic and the Internet of Things to control indoor temperature regarding the outdoor ambient conditions’, *Future Generation Computer Systems*, 76, pp. 275–284. doi: 10.1016/j.future.2016.11.020.
- Mendes, W. R. et al. (2019) ‘Fuzzy control system for variable rate irrigation using remote sensing’, *Expert Systems with Applications*, 124, pp. 13–24. doi: 10.1016/j.eswa.2019.01.043.
- Mohanty et al., 2005 (2016), PENGARUH PENGGUNAAN PASTA LABU KUNING (*Cucurbita Moschata*) UNTUK SUBSTITUSI TEPUNG TERIGU DENGAN PENAMBAHAN TEPUNG ANGKAK DALAM PEMBUATAN MIE KERING, 15(1), pp. 165–175. Available at: <https://core.ac.uk/download/pdf/196255896.pdf>.
- Molle, F., Ringler, C. and Steduto, P. (2018) ‘11-Grafton RQ, Williams J, Perry CJ, Molle F, Ringler C, Steduto P, Udall B, Wheeler SA, Wang Y, Garrick D, Allen RG, 2018, The paradox of irrigation efficiency <http://science.sciencemag.org/content/361/6404/748>’, *Science*, 361, pp. 748–750.

- Munir, M. S., Bajwa, I. S. and Cheema, S. M. (2019) 'An intelligent and secure smart watering system using fuzzy logic and blockchain ☆', 77, pp. 109–119. doi: 10.1016/j.compeleceng.2019.05.006.
- Narvaez, F. Y. et al. (2017) 'A survey of ranging and imaging techniques for precision agriculture phenotyping', IEEE/ASME Transactions on Mechatronics, 22(6), pp. 2428–2439. doi: 10.1109/TMECH.2017.2760866.
- Pacco, H. C. (2022) 'Simulation of temperature control and irrigation time in the production of tulips using Fuzzy logic', Procedia Computer Science, 200, pp. 1–12. doi: 10.1016/j.procs.2022.01.199.
- Pazouki, E. (2021) 'A practical surface irrigation design based on fuzzy logic and meta-heuristic algorithms', Agricultural Water Management, 256(June), p. 107069. doi: 10.1016/j.agwat.2021.107069.
- Phogat, M. et al. (2021) 'A Novel Automating Irrigation Techniques based on Artificial Neural Network and Fuzzy Logic', Journal of Physics: Conference Series, 1950(1). doi: 10.1088/1742-6596/1950/1/012088.
- Putri, I. (2019) 'PERTUMBUHAN DAN HASIL TANAMAN CABAI RAWIT (*Capsicum frutescens* L.) YANG DIBERI TRICHOKOMPOS JERAMI PADI'. Available at: <http://repository.uin-suska.ac.id/24082/>.
- Rahma, M. Y. et al. (2023) 'Respon pertumbuhan dan hasil tanaman terung (*Solanum melongena* L.) terhadap pemberian pupuk organik cair ekstrak buah mengkudu (*Morinda citrifolia* L.) di lahan rawa lebak Growth response and yield of eggplant (*Solanum melongena* L.) to application of', 10(1), pp. 55–65.
- Ramli, L. et al. (2017) 'Control strategies for crane systems: A comprehensive review', Mechanical Systems and Signal Processing, 95, pp. 1–23. doi: 10.1016/j.ymsp.2017.03.015.
- Rapela, M. A. (2020) Fostering innovation for agriculture 4.0: A comprehensive plant germplasm system, Fostering Innovation for Agriculture 4.0: A Comprehensive Plant Germplasm System. doi: 10.1007/978-3-030-32493-3.
- Riza, W. (2022) 'Implementasi Pengendalian Hama Dan Monitoring Pada Tanaman Terong Berbasis Internet Of Things', 8(6), pp. 3089–3093.
- Salam, A. (2020) Internet of things in agricultural innovation and security, Internet of Things. doi: 10.1007/978-3-030-35291-2_3.
- SBÎRCIOG, G. (2017) 'The Influence of Soil Humidity Stress on Eggplant Crop', Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Horticulture, 74(1), p. 74. doi: 10.15835/buasvmcn-hort:12057.
- Shanti, R. (2019) 'Kebutuhan Air untuk Tanaman Terung (*Solanum melongena* L.) pada Lempung Liat Berpasir di Tanah Ultisols Water Requirement for Eggplant (*Solanum melongena* L.) on Sandy Clay Loam of Ultisols', Agrifarm, 8(1), pp. 1–6.
- Sharma, V., Tripathi, A. K. and Mittal, H. (2022) 'Technological revolutions in smart farming: Current trends, challenges & future directions', Computers and Electronics in Agriculture, 201(July), p. 107217. doi: 10.1016/j.compag.2022.107217.

- Singh, P. et al. (2022) 'Internet of Things for sustainable railway transportation: Past, present, and future', *Cleaner Logistics and Supply Chain*, 4(June), p. 100065. doi: 10.1016/j.clsn.2022.100065.
- Smithson, M. (2016) 'Fuzzy Logic in Its 50th Year', 341, pp. 175–186. doi: 10.1007/978-3-319-31093-0.
- Swastika, S. et al. (2017) *Buku Petunjuk Teknis Teknologi Budidaya Cabai Merah*. Available at: <http://riau.litbang.pertanian.go.id/ind/images/stories/PDF/cabai.pdf?secure=true>.
- Vellidis, G. et al. (2016) 'Development and assessment of a smartphone application for irrigation scheduling in cotton', *Computers and Electronics in Agriculture*, 127, pp. 249–259. doi: 10.1016/j.compag.2016.06.021.
- Xie, J. et al. (2022) 'Smart fuzzy irrigation system for litchi orchards', *Computers and Electronics in Agriculture*, 201(December 2021), p. 107287. doi: 10.1016/j.compag.2022.107287.
- Ziogas, V. et al. (2021) 'Drought and salinity in citriculture: Optimal practices to alleviate salinity and water stress', *Agronomy*, 11(7), pp. 1–16. doi: 10.3390/agronomy11071283.