DAFTAR PUSTAKA

Balafoutis, A., B. Beck, S. Fountas, J. Vangeyte, T. van der Wal, I. Soto, M. Gómez-Barbero, A. Barnes, and V. Eory. 2017. Precision Agriculture Technologies Positively Contributing to GHG Emissions Mitigation, Farm Productivity and Economics. Sustainability 9 (1339): 1-28.

Benyezza, H., Bouhedda, M., & Rebouh, S. 2021. Zoning irrigation smart system based on fuzzy control technology and IoT for water and energy saving. Journal of Cleaner Production, 302, 127001.

Boursianis, A. D., Papadopoulou, M. S., Diamantoulakis, P., Liopa-Tsakalidi, A., Barouchas, P., Salahas, G., … Goudos, S. K. 2020. Internet of Things (IoT) and Agricultural Unmanned Aerial Vehicles (UAVs) in smart farming: A comprehensive review. *Internet of Things*, (xxxx), 100187.

David., 2018, Penerapan Rule Based Forward Chaining pada Sistem Pakar untuk Diagnosa Penyakit Kulit, Konferensi Nasional Sistem Informasi 2018

Jew, E. K. K., Whitfield, S., Dougill, A. J., Mkwambisi, D. D., & Steward, P. 2020. Farming systems and Conservation Agriculture: Technology, structures and agency in Malawi. *Land Use Policy*, *95*(July 2018).

Nižetić, S., Djilali, N., Papadopoulos, A., & Rodrigues, J. J. P. C. 2019. Smart technologies for promotion of energy efficiency, utilization of sustainable resources and waste management. *Journal of Cleaner Production*, *231*, 565–591.

Partel, V., Charan Kakarla, S., & Ampatzidis, Y. 2019. Development and evaluation of a low-cost and smart technology for precision weed management utilizing artificial intelligence. *Computers and Electronics in Agriculture*, *157*(November 2018), 339–350.

Skobelev, P. O., Simonova, E. V., Smirnov, S. V., Budaev, D. S., Voshchuk, G. Y., & Morokov, A. L. 2019. Development of a knowledge base in the “smart farming” system for agricultural enterprise management. *Procedia Computer Science*, *150*, 154–161.

Singh Bali, M., Gupta, K., Kour Bali, K., & Singh, P. K. 2021. Towards energy efficient NB-IoT: A survey on evaluating its suitability for smart applications. *Materials Today: Proceedings*.

Suryono, S., Khuriati, A., & Mantoro, T. 2019. A fuzzy rule-based fog–cloud computing for solar panel disturbance investigation. *Cogent Engineering*, *6*(1).

Parashar, M., Patil, R., Singh, S., VedMohan., & Rekha, KS. 2018. WATER LEVEL MONITORING SYSTEM IN WATER DISPENSERS USING IOT. International Research Journal of Engineeing and Technology (IRJET). Vol 05, Issue: 04, Apr-2018. 2395-0056.

Steinfeld, C. M. M., Sharma, A., Mehrotra, R., & Kingsford, R. T. 2020. The human dimension of water availability: Influence of management rules on water supply for irrigated agriculture and the environment. *Journal of Hydrology*, *588*(May), 125009.

Sepehri, M., Malekinezhad, H., Ilderomi, A. R., Talebi, A., & Hosseini, S. Z. 2018. Studying the effect of rain water harvesting from roof surfaces on runoff and household consumption reduction. Sustainable Cities and Society, 43(September), 317–324.

Elkano, M., Galar, M., Sanz, J. A., Schiavo, P. F., Pereira, S., Dimuro, G. P., dan Bustince, H., 2018, Consensus via penalty functions for decision making in ensembles in fuzzy rule-based classification systems. Applied Soft Computing Journal, 67, 728–740.

Sasikumar, M., Ramani, S., Raman M.,S., Anjaneyulu KSR., Chandrasekar, R., 2007. A Practical Introduction to Rule Based Expert Systems, Narosa Publishing House, New Delhi.

Ahmed, M. S. 2021. Designing of internet of things for real time system. Materials Today: Proceedings.

Kour, V. P., & Arora, S. 2020. Recent Developments of the Internet of Things in Agriculture: A Survey. IEEE Access, 8(July), 129924–129957.

Kharlamov, E., Mehdi, G., Savković, O., Xiao, G., Kalaycı, E. G., & Roshchin, M. 2019. Semantically-enhanced rule-based diagnostics for industrial Internet of Things: The SDRL language and case study for Siemens trains and turbines. Journal of Web Semantics, 56, 11–29.

Shishehchi, S., & Banihashem, S. Y. 2021. A rule based expert system based on ontology for diagnosis of ITP disease. Smart Health, 100192.

Dudek, T., & Śmiałkowska, B. 2019. Integrated quality assessment of services in an adaptive expert system with a rule-based knowledge base. Transportation Research Procedia, 39, 34–41.

Djatkov, D., Effenberger, M., & Martinov, M. 2014. Method for assessing and improving the efficiency of agricultural biogas plants based on fuzzy logic and expert systems. Applied Energy, 134, 163–175.

Gulati, K., Kumar Boddu, R. S., Kapila, D., Bangare, S. L., Chandnani, N., & Saravanan, G. 2021. A review paper on wireless sensor network techniques in Internet of Things (IoT). Materials Today: Proceedings.

Xu, B., & Li, C. 2021. Influencing factors of college students' entrepreneurial ecosystem based on the internet of things and embedded systems. Microprocessors and Microsystems, 103694.

Liu, L., Wang, J., Wang, F., & Yang, X. 2021. The impact of the planting of forest biomass energy plants under the embedded Internet of Things technology on the biodiversity of the local environmental ecology. Environmental Technology & Innovation, 24, 101894.

Mariyaprincy, A., & Samiappan, D. 2021. Analysis of Internet of Things enabled by artificial intelligence for automatic based model in educational institution. Materials Today: Proceedings.

Kiran, S., & Gupta, G. 2021. Development models and patterns for elevated network connectivity in internet of things. Materials Today: Proceedings.

Nugroho, B. D. A., & Aliwarga, H. K. 2019. RiTx; Integrating among Field Monitoring System (FMS), Internet of Things (IOT) and agriculture for precision agriculture. IOP Conference Series: Earth and Environmental Science, 335(1).

Santoso, H., Hestirianoto, T., & Jaya, I. 2021. Sand temperature and moisture monitoring system for turtle nests using Arduino Uno. Jurnal Teknologi Dan Sistem Komputer, 9(1), 8–14.

Castañeda-Miranda, A., & Castaño-Meneses, V. M. 2020. Internet of things for smart farming and frost intelligent control in greenhouses. Computers and Electronics in Agriculture, 176(June), 105614.

Rahmat, A., Jaya, I., Hestirianoto, T., Jusadi, D., Kawaroe, M. 2020. Design a photobioreactor for microalgae cultivation with the IOTs (internet of things) system. Omni-Akuatika 16 (1), 53–61.

Mahbub, Mobasshir. 2020. “A Smart Farming Concept Based on Smart Embedded Electronics, Internet of Things and Wireless Sensor Network.” Internet of Things (Netherlands) 9:100161.

Amin, A. 2018. “Monitoring Water Level Control Berbasis Arduino Uno Menggunakan LCD LM016L”. Electric Electronic Instrumentation Control and Telecommunication. Vol 1, No 1.

Dani, Akhmad Wahyu. 2019. “Smart Planter Based On IoT”. Jurnal Teknologi Elektro 10(2):89.

Cholifah, W.N., Sagita., & Yulianingsih. 2018. “Pengujian Black Box Testing pada Aplikasi Action & Strategy berbasis Android”. 3(2), 206-210.

Park, Eunil. 2020. “User Acceptance of Smart Wearable Devices: An Expectation-Confirmation Model Approach”. Telematics and Informatics 47(October 2019).

Abraham, Jogi, Iklima Ermis Ismail. 2021. “Unit Testing Dan User Acceptance Testing Pada Sistem Informasi Pelayan Kategorial Pelayanan Anak”.

Otaduy, I., and O. Diaz. 2017. “User Acceptance Testing for Agile-Developed Web-Based Applications: Empowering Customers through Wikis and Mind Maps”. Journal of Systems and Software 133:212–29.

Guo, Y., Wang, J., Chen, H., Li, G., Huang, R., Yuan, Y., Ahmad, T., & Sun, S. 2019. “An expert rule-based fault diagnosis strategy for variable refrigerant flow air conditioning systems”. Applied Thermal Engineering, 149(November 2018), 1223–1235.

Budisanjaya, I. P. G., & Sucipta, I. N. 2019. “Rancang Bangun Pengendali Suhu, Kelembaban Udara dan Cahaya dalam Greenhouse Berbasis Arduino dan Android”. Jurnal Ilmiah Teknologi Pertanian Agrotechno, 3(2), 325.

W. Adi and K. Sekiyama, “Building a parallel decision-making system based on rule-based classifiers in molecular robotics,” *Int. J. Smart Sens. Intell. Syst.*, vol. 8, no. 2, pp. 944–965, 2015.

Hermawan, I., Fachrudin, D. A., Setiawan, A., & Sulthanah, N. T. 2022. “Rancang Bangun Sistem Irigasi Cerdas Menggunakan Metode Fuzzy Rule-Based Untuk Otomatisasi Pintu Air dan Pendeteksian Endapan”. 8(1), 1–11.

Sugandi, B., & Armentaria, J. 2021. “Sistem Penyiraman Tanaman Otomatis Menggunakan Metode Logika Fuzzy”. Journal of Applied Electrical Engineering, 5(1), 5–8.

Sanca, P. A. 2018. “Perancangan Mesin Penyiraman Taman Menggunakan Fuzzy Logic”. Indonesian Journal of Engineering and Technology (INAJET), 1(1), 28–34.