

Jurnal Elektronika dan Telekomunikasi

Volume 25, Number 2, December 2025



Implementation of Internet of Things-Based Autofeeder to Maintain Koi Pond Water Quality

Helmy, Suko Tyas Perdana, Septiantar Tebe Nursaputro, Mona Inayah Pratiwi, Brian Rahmaditya, Clara Silvia Anggreini



2.4 GHz Energy Harvester for Ultra-Low Power IoT Sensor Applications

Farrah Vauzia, Enceng Sulaeman, Yana Taryana



Fabrication of Quartz Crystal Microbalance Coated with GO/PVC Nanofiber for Benzene Detection as Tuberculosis Biomarker

Doni Bowo Nugroho, Nada Nadzira Ayasha Kamal, Rosita Wati, Nova Resfita



Feature Selection and Class Imbalance Machine Learning for Early Detection of Thyroid Cancer Recurrence: A Performance-Based Analysis

Agus Wantoro, Wahyu Caesarendra, Admi Syarif, Hari Soetanto



Comparative Performance of Regression and Ensemble Learning Algorithms in Precision Irrigation Forecasting of Sweet Potato

Muthia Rahmah, Indra Maulana



Smartphone-Based Colorimetric Platform with RGB-CIELAB Multivariate Regression and 3D-Printed Illumination for Portable Colorimetric Detection

Robeth Viktoria Manurung, Jonathan Edwards Telaumbanua, Richard Anthony Lim, Winda Astuti, Dedi, Agustina Sus Andreani



Phase-Sensitive Radar Using ADALM-Pluto SDR and Antenna for Sub-Millimeter Displacement Measurement

Eril Mozeff, Ridho Shofwan Rasyid, Enceng Sulaeman, Tiyo Rizky Mulyana, Fahrizal Al Farik, Thaskia Qolbi Junjuran



Comparative Analysis and Mitigation of Extremely Low Frequency (ELF) Magnetic Field Exposure from Smartphone Internal

Bayu Wira Yudha, Hasballah Zakaria



Dual-Function Aperture-Coupled Spiral Resonator Antenna with Integrated Impedance Matching Network for Enhanced Radiation Performance

Mochamad Yunus, Yamato, Bloko Budi Rijadi, Waryani, Muhammad Farhan



PID Controller-Based Closed-Loop Fast Charging of Lithium-Ion Batteries Using the CCCV Method

Tole Sutikno, Tri Wahono, Ahmad Raditya Cahya Baswara



Design, Fabrication, and Experimental Evaluation of a 435 MHz Helical Antenna for 433 MHz IoT Modules

Rusfa, Rozeff Pramana, Bavitra, Ferly Oktavia, M. Hasbi Sidqi Alajuri, Andreas M Simannulang