Raju, S.TP., M.Si

Lecturer of Laboratorium Bengkel Teknik Pertanian Study Program
Faculty of Agriculture
Universitas Sumatera Utara

muhammadraju@usu.ac.id

Fakultas Pertanian USU

fp.usu.ac.id/en/lecturer/raju

Publications

2026
Prosiding seminar internasional

Effect of acidity degree variations and fermentation time of papaya waste (Carica papaya L.) in bioethanol production

RAJU , ANGGI INDRI KOKOINA SIHOMBING

2026
Jurnal internasional

Production and Characterization of Bioethanol from Tobacco Stalks via Acid Hydrolysis and Fermentation

RAJU , AKHMAD IRFAN

2024
Jurnal nasional terakreditasi

Production of Black Garlic Assyifa made by the Utsman Bin Affan Islamic Boarding School, Pantai Labu District use Thermolysis Equipment

NUR ULINA WARNISYAH SEBAYANG , BENNY HIDAYAT , RAJU , KIRANA AULIA RAHMA , SURANTI PRATIWI , CORRADY NOVEINDO TANWIE , MUHAMMAD SYAHID ZIDAN

2024
Prosiding seminar internasional

Comparison of electricity generated from biogas conversion

RAJU

2024
Prosiding seminar internasional

Impact of glycerol addition on cow manure biogas

HERDIN WAHYU PERDANA PASARIBU SARUKSUK , RAJU

2024
Jurnal nasional terakreditasi

Utilization of temperature control technology to improve the quality of Assyifa Black Garlic at the Utsman bin Affan Islamic boarding school

NUR ULINA WARNISYAH SEBAYANG , BENNY HIDAYAT , RAJU

2024
Prosiding seminar internasional

Effect of durian and jackfruit seed starch combination variation on bioethanol content using Aspergillus niger and Saccharomyces cerevisiae

RAJU , YEMIMA NADIA SIDABUTAR

2023
Prosiding seminar internasional

Comparison of biogas production from various blends of biomass

RAJU , YUNITA MAHARANI

2022

Prosiding seminar internasional

Increased stomata openings and chlorophyll index of green mustard (Brassica juncea.L) with violin sound exposure

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2021
Prosiding seminar internasional

Effect of violin sound exposure with pressure level variation to green mustard (Brassica juncea L.) growth and productivity

RAJU

2021
Prosiding seminar internasional

The study of temperature variation in catalytic biodiesel production process using static mixing reactor

RAJU

2020
Prosiding seminar internasional

Simulation of biodiesel production using perforated helical type static mixer

RAJU

2019
Prosiding seminar internasional

Model of Mechanization Implementation on the Handling of Oil Palm Fronds (OPF) Waste into Compost and Mulch in Aceh Province, Indonesia

RAJU

2019
Prosiding seminar internasional

Design of filler and compactor for oyster mushroom growing medium (baglog)

RAJU

2018
Prosiding seminar internasional

Measurement of pyrolysis gases on palm oil shell and empty fruit bunch

RAJU

2016
Jurnal nasional terakreditasi

Karakterisasi Arang dan Gas-gas Hasil Pirolisis Limbah Kelapa Sawit

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