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Farida Hanum, S.T., M.T., born in Banda Aceh on June 10, 1978, is a Chemical Engineering lecturer at the Universitas Sumatera Utara. She completed her master's degree in the Chemical Engineering Study Program at the Universitas Sumatera Utara in 2009.

Publications

2023

Jurnal internasional bereputasi

Evaluation of a Small-Scale Anaerobic Digestion System for a Cattle Farm under an Integrated Agriculture System in Indonesia with Relation to the Status of Anaerobic Digestion System in Japan

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2023

Jurnal internasional

Evaluation of a Small-Scale Anaerobic Digestion System for a Cattle Farm under an Integrated Agriculture System in Indonesia with Relation to the Status of Anaerobic Digestion System in Japan

FARIDA HANUM , TJOKORDA GDE TIRTA NINDHIA

2019

Jurnal internasional bereputasi

Treatment of Sewage Sludge Using Anaerobic Digestion in Malaysia: Current State and Challenges

FARIDA HANUM

2024

Jurnal internasional bereputasi

Identifying dominant quinones in digested sludge at trace levels using online supercritical fluid extraction-liquid chromatography

Mona F.A. Dawood , Yoichi Atsuta , Hiroyuki Daimon , FARIDA HANUM

2022

Jurnal internasional bereputasi

Methane Production Characteristics of an Anaerobic Co-Digestion of Pig Manure and Fermented Liquid Feed

FARIDA HANUM

2025

Prosiding seminar internasional

Batch operations for turbidity reduction in Babura River using carbonized peanut (*Arachis hypogaea* L.) shells with various particle sizes

BODE HARYANTO , FARIDA HANUM , BUNGARAN IMMANUEL SIAHAAN , VIKRAM ALEXANDER , TIMOTY ANUGRAH SIAHAAN , AVENIA INKREASINTA

Researches

2015
Penelitian Fundamental

Aplikasi Metode Pengapungan Batang (Buoyancy Weighing-Bar Method) untuk Menentukan Distribusi Ukuran Partikel Semen dan Tepung Terigu

FARIDA HANUM , RONDANG TAMBUN

2025
Riset Andalan Perguruan Tinggi dan Industri

Optimasi Produksi Biogas dari Palm Oil Mill Effluent (POME) Menggunakan Granular Activated Carbon (GAC) - Microbial Electrochemical Technology (MET) Secara Batch Pada Kondisi Mesofilik

FARIDA HANUM

2024
Penelitian Dana Lokal Perguruan Tinggi

Karakterisasi Biodiesel dari Minyak Kemiri (Alleurites Moluccana) Dengan Katalis KOH Menggunakan Metode Microwave Assisted Extraction (MAE)

DR IRIANY, IR, MSC , FARIDA HANUM , ZUHRINA MASYITHAH

2014
Penelitian Fundamental

Aplikasi Metode Pengapungan Batang (Buoyancy Weighing-Bar Method) untuk Menentukan Distribusi Ukuran Partikel Semen dan Tepung Terigu

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Community Services

2023
Bendahara

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2022
Ipteks Bagi Masyarakat

Wakil Bendahara

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2013
Penelitian Hibah Bersaing

Pengolahan Limbah Cair Pabrik Kelapa Sawit Dari Unit Reaktor Anaerobik Unggun Te

2016
Edukasi Pentingnya Mengenali Kehalalan dan Aman Suatu Produk Kepada Pelajar SMA Yayasan Pendidikan Harapan 3 Medan

RENITA MANURUNG , MAULIDA , FARIDA HANUM , MUHAMMAD HENDRA S GINTING