

Prof. Ir. Seri Maulina, M.Si., Ph.D

Dosen Program Studi S2 Teknik Kimia
Fakultas Teknik
Universitas Sumatera Utara

✉ serimaulina@usu.ac.id

🌐 ft.usu.ac.id/id/dosen/seri-maulina

Prof. Ir. Seri Maulina, M.Si., Ph.D. dilahirkan di Medan pada tanggal 04 Januari 1961. Beliau merupakan seorang dosen dengan bidang ilmu Teknik Kimia di Universitas Sumatera Utara. Beliau menyelesaikan pendidikan terakhirnya pada jenjang S3, program studi Teknik Kimia, di Universiti Malaya pada tahun 2014.

Publications

2026

Jurnal internasional

EKSTRAKSI ASAP CAIR DARI PELEPAH KELAPA SAWIT MENGGUNAKAN PELARUT ETIL ASETAT DAN HEKSANA

SERI MAULINA

2019

Jurnal internasional

Comparison of Functional Group and Morphological Surface of Activated Carbon from Oil Palm Fronds Using Phosphoric Acid (H₃PO₄) and Nitric Acid (HNO₃) as an Activator

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2026

Jurnal internasional

Study on Hydrolysis of Oil Palms Empty Fruit Bunch using

SERI MAULINA

2018

Jurnal internasional

Talenta

SERI MAULINA

2019

Jurnal internasional

Business development for household scale liquid bath soap

SERI MAULINA

2020

Jurnal internasional

Extraction of Phenol Compounds in the Liquid Smoke by Pyrolysis of Oil Palm Fronds

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2018

Jurnal internasional

HIDROLISIS SELULOSA MENGGUNAKAN KATALIS KARBON TERSULFONASI BERBASIS CANGKANG KEMIRI

SERI MAULINA

2018

Jurnal internasional

Adsorption-desorption system for CO₂ removal in biogas using natural zeolite-based adsorb

SERI MAULINA

2026

Jurnal internasional

KARAKTERISTIK KARBON AKTIF DARI PEMANFAATAN LIMBAH TANAMAN KELAPA SAWIT DENGAN PENAMBAHAN AKTIVATOR NATRIUM KARBONAT (Na₂C...

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2019

Jurnal internasional

Comparison of Functional Group and Morphological Surface of Activated Carbon from Oil Palm Fronds Us

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2017

Jurnal internasional

Characterizations of activated carbon produced from Bagasse and Banana Stem using H₃PO₄

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2010

Jurnal internasional

Impacts of natural resources on climate change: case in latex concentrate processing

SERI MAULINA

2019

Jurnal internasional

The Opportunities of Oil Palm Fronds Become a Commercial Liquid Smoke

SERI MAULINA

2018

Jurnal internasional

Perbandingan Gugus Fungsi dan Morfologi Permukaan Karbon Aktif dari Pelepah Kelapa Sawit Menggunakan Aktivator Asam Fosfat (H₃PO₄) dan Asam Nitrat (HNO₃)

SERI MAULINA

2009

Jurnal internasional

Life Cycle Assessment and Eco-efficiency: Case in Latex Concentrate Processing

SERI MAULINA

2018

Jurnal internasional

Activated carbon production from bagasse and banana stem at various times of carbonization

SERI MAULINA

2026

Jurnal internasional

Production of Biogas From Palm Oil Mill Effluent, From Laboratory Scale To Pilot Scal

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2017

Jurnal internasional

Pengaruh Suhu, Waktu, Dan Kadar Air Pada Pirolisis Pelepah Kelapa Sawit

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2018

Jurnal internasional

Ekstraksi Kalium dari Kulit Buah Kapuk (Ceiba petandra)

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2018

Jurnal internasional

Characteristics of activated carbon resulted from pyrolysis of the oil palm fronds powder

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2025

Prosiding seminar internasional

Material Flow Analysis in Palm Oil Plantation

ILHAM PERKASA BAKO , SERI MAULINA

2017

Jurnal internasional

Study on hydrolysis of Oil Palm s Empty Fruit Bunch using microwave irradiation

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2017

Jurnal internasional

Characterizations of Activated Carbon Produced from Bagasse and Banana Stem using H₂O₂ as Activating Agent Erni Misran,Seri Maulina,Sari Farah Dina, Sur...

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2018

Jurnal internasional

Development of anaerobic digestion of palm oil mill effluent with heated recycle sludge

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2016

Jurnal internasional

pembuatan asam oksalat dari pelepah kelapa sawit menggunakan metode peleburan alkali

SERI MAULINA

2018

Jurnal internasional

Production of biogas from palm oil mill effluent: From laboratory scale to pilot scale

SERI MAULINA

2020

Jurnal internasional

Potential of durian, avocado and jackfruit seed as raw material of bioethanol: a review

SERI MAULINA

2018

Jurnal internasional

Production of biogas from palm oil mill effluent at pilot scale: Effect of recycle sludge

SERI MAULINA

2020

Jurnal internasional

Quality Comparison of Activated Carbon Produced From Oil Palm Fronds by Chemical Activation Using Sodium Carbonate versus Sodium Chloride

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2017

Jurnal internasional

Pembuatan Asam Oksalat dari Pelepah Kelapa Sawit (Elaeis guineensis) Melalui Reaksi Oksidasi Asam Nitrat

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2026
Jurnal internasional

Study on Hydrolysis of Oil Palms Empty Fruit Bunch Using Microwave Irradiation

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2018
Jurnal internasional

Production of biogas from palm oil mill effluent at pilot scale: effect of recycle sludge.

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2018
Jurnal internasional

Utilization of oil palm fronds in producing activated carbon using Na_2CO_3 as an

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2018
Jurnal internasional

Effects of alkanolamide and epoxidation in natural rubber and epoxidized natural rubbers compounds

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2019
Jurnal internasional

Calorific Value of Oil Palm Frond Through Bio-Charcoal Briquette as Renewable Energy

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2019
Jurnal internasional

Characteristics of Activated Carbon from Oil Palm Fronds with the Addition of Sodium Carbonate (Na_2CO_3) and Sodium Chloride (NaCl) as an Activator

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2017
Jurnal internasional

PEMANFAATAN ASAP CAIR DARI PELEPAH KELAPA SAWIT UNTUK MENINGKATKAN KUALITAS BAHAN OLAH KARET PETANI KARET

SERI MAULINA

2023
Prosiding seminar internasional

Citronella oil extraction using microwave-assisted extraction (MAE) with various solvents

SERI MAULINA

2019
Jurnal internasional

Comparing Characteristics of Charcoal and Activated Carbon from Oil Palm Fronds

SERI MAULINA

2018
Jurnal internasional

Liquid smoke characteristics from the pyrolysis of oil palm fronds

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2017
Jurnal internasional

Characterizations of Activated Carbon Produced from Bagase and Banana Stem Using H_3PO_4 as Activating Agent

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2020

Preparation and Characterization of Sulfonated Carbon from Candlenut Shell as Catalyst for Hydrolysis of Cogon Grass Cellulose into Glucose

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2020

Effect of pyrolysis temperature and time on liquid smoke characteristics

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2018

Utilization of oil palm fronds in producing activated carbon using Na_2CO_3 as an activator

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2014

Enhancement of eco-efficiency through life cycle assessment in natural rubber latex concentrate processing

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2023

Empowerment of Housewives Through Shibori Weaving Skills and Upgrading Knowledge Related to Dyes and Their Wastes

SERI MAULINA , ERNI MISRAN , MAYA SARAH

2017

Pengaruh Suhu, Waktu, Dan Kadar Air Bahan Baku Terhadap Pirolisis Serbuk Pelepah Kelapa Sawit

SERI MAULINA

2015

Enhancement of Eco-Efficiency Through Life Cycle Assessment in Crumb Rubber Processing

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2017

Karakteristik Karbon Aktif dari Pemanfaatan Limbah Tanaman Kelapa Sawit dengan Penambahan Aktivator Natrium Karbonat (Na_2CO_3) dan Natrium Klorida (NaCl)

SERI MAULINA

2018

Effect of epoxidised natural rubbers on calcium carbonate-filled natural rubber compounds

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2015

PEMBUATAN ASAM OKSALAT DARI PELEPAH KELAPA SAWIT (*Elaeis guineensis*) DENGAN KALSIMUM HIDROKSIDA

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2020

Quality improvement of liquid smoke from oil palm frond pyrolysis through the adsorption-distillation process using activated carbon as adsorbent

SERI MAULINA

2017

Jurnal internasional

Characterizations of Activated Carbon Produced from Bagasse and Banana Stem using H₂PO₄ as Activating Agent Erni Misran, Seri Maulina, Sari Farah Dina, Surya Adi Anggi

SERI MAULINA

2017

Jurnal internasional

The utilization of oil palm fronds in producing oxalic acid through oxidation

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2017

Jurnal internasional

Characterizations of activated carbon produced from Bagasse and Banana Stem using H₃PO₄ as activating agent

SERI MAULINA

2020

Jurnal internasional

Improving the quality of liquid smoke from oil palm fronds through adsorption and distillation processes

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2020

Jurnal internasional

Quality improvement of smoke liquid from oil palm fronds pyrolysis through adsorption-distillation process by using zeolite as adsorbent

SERI MAULINA

2018

Jurnal internasional

PIROLISIS PELEPAH KELAPA SAWIT UNTUK MENGHASILKAN FENOL PADA ASAP CAIR

SERI MAULINA

Researches

2023

Kluster Keilmuan Penilaian Daur Hidup (Life Cycle Assessment)

SERI MAULINA

2024

Euro-Mediterranean Conference for Environmental Integration (EMCEI-24)

SERI MAULINA

2024

Penelitian Unggulan Perguruan Tinggi

Pengembangan Kluster Keilmuan

SERI MAULINA

2024

Penelitian Unggulan Perguruan Tinggi

Penelitian Kemitraan Unggul Universitas

SERI MAULINA

2016

PEMANFAATAN KARBON AKTIF DARI LIMBAH BIOMASSA DALAM PEMBUATAN MEMBRAN HIBRIDA NAFION/KARBON AKTIF UNTUK PROTON EXCHANGE MEMBRANE FUEL CELL (PEMFC)

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Intellectual Property Rights

2018
Patent nasional

Pemanfaatan Pelepah Kelapa Sawit Sebagai Pengawet Alami Bahan Makanan

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