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Prof. Ir. Lilis Sukeksi, M.Sc., Ph.D. was born in Medan on September 16, 1960, and is a lecturer in Chemical Engineering at Universitas Sumatera Utara. She completed a Doctoral Program in Chemical Engineering at UMM.

Publications

2026

Poster seminar internasional

Selection of Solvent for Recovery of Polyphenols from Pink Guava Processing Wastes by Membrane Technology

LILIS SUKEKSI

2026

Jurnal nasional terakreditasi

Pengaruh Tekanan Molding Pada Sifat-Sifat Plain Weave Komposit Thermoplastic

LILIS SUKEKSI

2018

Poster seminar internasional

Studies on cure index, swelling behaviour, tensile and thermooxidative properties of natural rubber compounds in the presence of alkanolamide

LILIS SUKEKSI

2026

Prosiding seminar internasional

Statistical Analysis of Sample at Three Stages of Maturity on Some Characteristics of Carambola Fruit (*Averrhoa Carambola* L) before Enzymatic and Micro Filtration Processing

LILIS SUKEKSI

2026

Poster seminar internasional

Recovery of polyphenols from Pink Guava processing wastes by ultra filtration

LILIS SUKEKSI

2021

Jurnal internasional bereputasi

Characterization of the Chemical and Physical Properties of Bar Soap Made with Different Concentrations of Bentonite as a Filler

LILIS SUKEKSI

2026

Poster seminar internasional

The Potency of Water as a Solvent Recovery of Polyphenols from Residual Pulp Pink Guava by Membrane Ultrafiltration

LILIS SUKEKSI

2026

Poster seminar internasional

Extraction of Polyphenols from Pink Guava Waste Processing using Different Solvents

LILIS SUKEKSI

2019

Jurnal internasional bereputasi

Use of silica gel from volcanic ash as chitosan composite membrane's filler

LILIS SUKEKSI

2026

Prosiding seminar internasional

Separation of Oxalic Acid from Star Fruit Juice by Membrane Technology

LILIS SUKEKSI

2018

Jurnal nasional terakreditasi

Pembuatan sabun transparan berbasis minyak kelapa dengan penambahan ekstrak buah mengkudu (Morinda citrifolia) sebagai bahan antioksidan

LILIS SUKEKSI

2024

Jurnal nasional terakreditasi

Pembuatan Sabun Transparan Berbasis Minyak Kelapa dengan Penambahan Ekstrak Buah Pedada (Sonneratia caseolaris) sebagai Bahan Antioksidan

LILIS SUKEKSI , ARI DESTRIADI , KEVIN NICHOLAS

2026

Poster seminar internasional

Recovery of Polyphenols from Pink Guava Fruit Processing wastes by membrane Technology

LILIS SUKEKSI

2017

Jurnal nasional terakreditasi

Maserasi Alkali dari Batang Pisang (Musa paradisiaca) Menggunakan Pelarut Aquadest

LILIS SUKEKSI

2018

Jurnal nasional terakreditasi

Ekstraksi kalium dari kulit buah kapuk (Ceiba petandra)

LILIS SUKEKSI

2016

Jurnal internasional bereputasi

Polyphenols recovery from tropical fruits (pink guava) wastes via ultra-filtration membrane technology application by optimum solvent selection

LILIS SUKEKSI

2026

Poster seminar internasional

Pre Treatment Optimization of Recovery of Polyphenols from Pink Guava Fruit Processing Wastes by Membrane Technology

LILIS SUKEKSI

2026

Poster seminar internasional

Application of Response Surface Methodology (RSM) for Optimization of Recovery of Polyphenols from Pink Guava Processing by Membran Technology

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2016

Jurnal internasional bereputasi

Characterizations and extraction of polyphenols from residual pulp of pink guava as source of antioxidants

LILIS SUKEKSI

2025

Jurnal internasional bereputasi

Poly(3-hydroxybutyrate-co-3-hydroxyvalerate) microfilled anhydride-modified crude lignin blend biodegradable materials

LILIS SUKEKSI

2018

Jurnal nasional terakreditasi

Ekstraksi Kalium Dari Abu Kulit Buah Kelapa (Cocos Nucifera L.) Menggunakan Pelarut Aquadest

LILIS SUKEKSI

2017

Jurnal nasional terakreditasi

Pembuatan sabun dengan menggunakan kulit buah kapuk (ceiba petandra) sebagai sumber alkali

LILIS SUKEKSI

2019

Poster seminar internasional

Effect of epoxidised natural rubbers on curing characteristics of kaolin-filled natural rubber composites

LILIS SUKEKSI

Researches

2025

Hilirisasi Paket Perawatan Rambut Berbasis Bahan Alami Warisan Nusantara: Pengembangan Serum Prewash, Sampo dan Hair Toner dari Tumbuhan Tradisional Indonesia

HALIMATUDDAHLIANA , LILIS SUKEKSI , HAMIDAH HARAHAHAP

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2019

Paten nasional

EDIBLE FILM SEBAGAI KEMASAN BUMBU MI KUAH INSTAN BERBAHAN GELATIN TULANG IKAN NILA (*Oreochromis niloticus*) DENGAN PENAMBAHAN EKSTRAK KULIT MARKISA (*Passiflora ligularis* F. *lobalata*)

HALIMATUDDAHLIANA , LILIS SUKEKSI , AHMAD IHSAN , MUHAMMAD RIZKY PRATAMA , MAULISA , IBNU ALFARIDI , MAHARDIKA AHMAD RIFQI GINTING