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*Prof. Ir. Lilis Sukeksi, M.Sc., Ph.D. dilahirkan di Medan pada tanggal 16 September 1960 dan merupakan seorang dosen Teknik Kimia di Universitas Sumatera Utara. Beliau menyelesaikan pendidikan terakhirnya, yakni S3 Teknik Kimia, di UMM.*

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## Publications

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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**

LILIS SUKEKSI

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

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## Researches

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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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## Intellectual Property Rights

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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

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