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Dr. Ir. Taslim, M.Si. dilahirkan di Aceh Utara pada tanggal 15 Januari 1965 dan merupakan seorang dosen Teknik Kimia di Universitas Sumatera Utara. Beliau menyelesaikan pendidikan terakhirnya, yakni S3 Teknik Kimia, di ITB pada tahun 2003.

Publications

2021

Jurnal internasional

Synthesis and Charaterization of Sodium Silicate Produced from Corncobd as a Heterogeous Catalyst in Biodiesel Production

DR.TASLIM, IR, MSC

2020

Jurnal internasional

Reuse of chicken eggshell ash and natural zeolite catalyst on palm oil transesterification

DR.TASLIM, IR, MSC

2023

Prosiding seminar internasional

Effect of solvent type on extraction oil from spent bleaching earth using microwave-assisted extraction

DR.TASLIM, IR, MSC , RENITA MANURUNG

2021

Tulisan ilmiah

Preparation of activated carbon-based catalyst from nipa palm (*Nypa fruticans*) shell modified with KOH for biodiesel synthesis

DR.TASLIM, IR, MSC

2018

Jurnal internasional

Furfural production from mile a minute weed (*Mikania micrantha*) using an organic acid from bilimbi (*Averrhoa bilimbi*)

DR.TASLIM, IR, MSC

2025

Jurnal internasional bereputasi

Loss prevention of cooling tower with an open loop system at cooling tower pipeline on a biodiesel plant: Analysis and safety implications

ANGGARA DWITA BURMANA , DR.TASLIM, IR, MSC

2020

Jurnal internasional

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

DR.TASLIM, IR, MSC

2021

Tulisan ilmiah

Potential of lime as a green catalyst in the manufacture of furfural from *Mikania micrantha*

DR.TASLIM, IR, MSC

2020

Tulisan ilmiah

Biogasoline production via catalytic cracking process using zeolite and zeolite catalyst modified with metals: A review

DR.TASLIM, IR, MSC

2017

Tulisan ilmiah

Biodiesel production from ethanolsis of DPO using deep eutectic solvent (DES) based choline chloride–ethylene glycol as co-solvent

DR.TASLIM, IR, MSC

2018

Jurnal internasional bereputasi

Isolation and Characterization of Nanocrystal from Corncob Waste Using H₂SO₄ Hydrolysis Method

DR.TASLIM, IR, MSC

2016

Jurnal internasional bereputasi

Transesterification process of palm oil using Novozym[®] 435 in Choline chloride (ChCl) ionic liquid system to produce biodiesel

DR.TASLIM, IR, MSC

2020

Jurnal internasional bereputasi

Furfural Synthesis from *Mikania micrantha* using Tamarind Extract as Catalyst

DR.TASLIM, IR, MSC

2025

Jurnal nasional terakreditasi

Inovasi Edible Coating Buah Mangga Berbasis Kitosan Kulit Udang dengan Aditif Ekstrak Daun Asam Jawa sebagai Antimikroba

DR.TASLIM, IR, MSC , DESKA RIZKI PRATAMA , AIDHA SEKAR BERUTU , FAHRIZAL HUSIN , MAYCHEL YOHANA PANJAITAN

2016

Jurnal nasional

EKSTRAKSI MINYAK DARI BIJI KURMA (*Phoenix dactylifera* L.) DENGAN METODE SOXHLET EXTRACTION DENGAN MENGGUNAKAN ETIL ASETAT

DR.TASLIM, IR, MSC

2019

Tulisan ilmiah

Biodiesel production using heterogeneous catalyst based on volcanic ash of Mount Sinabung

DR.TASLIM, IR, MSC

2021

Tulisan ilmiah

Potential of papaya seeds as a heterogenous catalyst in biodiesel synthesis

DR.TASLIM, IR, MSC

2018

Tulisan ilmiah

Biodiesel production from rice bran oil by transesterification using heterogeneous catalyst natural zeolite modified with K₂CO₃

DR.TASLIM, IR, MSC

2016

Jurnal nasional

POTENSI ZEOLIT ALAM DAN CaO DARI CANGKANG TELUR AYAM SEBAGAI

KATALIS DALAM PEMBUATAN BIODIESEL DARI TREATED WASTE COOKING OIL

DR.TASLIM, IR, MSC

2020

Jurnal internasional

Furfural synthesis from mikania mircantha using sulfonated carbon catalyst derived from candlenut shell

DR.TASLIM, IR, MSC

2015

Jurnal nasional

PENGHILANGAN TINTA PADA KERTAS THERMAL BEKAS: PENGARUH KONSISTENSI DAN KONSENTRASI PENDISPERSI FLOTASI

DR.TASLIM, IR, MSC

2026

Jurnal internasional bereputasi

Investigate biodiesel products using heterogeneous catalysts in variations lauric acid feedstock through elemental analysis and emissions testing using diesel engines

ANGGARA DWITA BURMANA , DR.TASLIM, IR, MSC

2017

Tulisan ilmiah

Biodiesel production from ethanolysis of palm oil using deep eutectic solvent (DES) as co-solvent

DR.TASLIM, IR, MSC

2025

Prosiding seminar internasional

Multistage pectin extraction from lemon (Citrus limon) peel: Effect of nitric acid solvent pH and number of stages

DR.TASLIM, IR, MSC

2026

Prosiding seminar internasional

The Effect of Extraction Time on Betacyanin Pigment Content From Red Erpah Leaves (Alternanthera dentata) Extracted Using Ultrasound-Assisted Extraction

DR.TASLIM, IR, MSC , ERNI MISRAN , AFRINA NURATIKA HARAHAP

2018

Jurnal nasional

Hidrolisis selulosa menggunakan katalis karbon tersulfonasi berbasis cangkang kemiri

DR.TASLIM, IR, MSC

2019

Tulisan ilmiah

Biodiesel Synthesis from Waste Cooking Oil using Heterogeneous Catalyst from Corncob Ash Impregnated with KOH

DR.TASLIM, IR, MSC

2018

Jurnal internasional

Integration of broth extraction and recycling scheme to bio- ethanol production from water hyacinth

DR.TASLIM, IR, MSC

2025

Prosiding seminar internasional

Effect of reaction temperature on biodiesel production from refined bleached and deodorized palm olein using heterogeneous catalyst from indigofera (Indigofera zollingeriana) leaves ash

2026

Jurnal internasional bereputasi

Investigation heat transfer coefficient and heating surface area of shell and U tube heat exchanger: analysis and performance to cooling system on biodiesel plant

DR.TASLIM, IR, MSC , ANGGARA DWITA BURMANA , Abdullah K Alanazi

2026

Jurnal nasional terakreditasi

Pengaruh Perbandingan Komposisi Ampas Tebu dan Kulit Durian Terhadap Karakteristik Bio-oil

DR.TASLIM, IR, MSC

2020

Tulisan ilmiah

Biodiesel synthesis from refined bleached and deodorized palm oil (RBDPO) by transesterification using durian shell based carbon modified with KOH as heterogeneous catalyst

DR.TASLIM, IR, MSC

Researches

2024

Mikroenkapsulasi Pigmen Betasianin dari Daun Erpah Merah (Alternanthera dentata) yang Diekstraksi Menggunakan Ultrasound dan Microwave untuk Bahan Formulasi Lip Balm

ERNI MISRAN , DR.TASLIM, IR, MSC , AFRINA NURATIKA HARAHAP

2015

Penelitian Hibah Bersaing

Aplikasi System Co-Solvent Untuk Memperbaiki System Produksi Biodiesel Sawit Dar

RENITA MANURUNG , DR.TASLIM, IR, MSC , SISWARNI MZ

Community Services

2024

Imam dan Pencermah Ramadhan

DR.TASLIM, IR, MSC

Intellectual Property Rights

2020

Hak cipta nasional

Pembuatan dan Formulasi Pelarut Eutektik Untuk Proses Produksi Biodiesel Secara Enzimatis

NIMPAN BANGUN , ROSDANELLI HASIBUAN , RENITA MANURUNG , DR.TASLIM, IR, MSC

2020

Paten nasional

Pembuatan Sabun Sirih Padat dengan Metode Dingin sebagai Antibakteri (P. acne & S.epidermis) dan Antijamur (C. Albican)

IRIANY , TASLIM , LILIS SUKEKSI

