Indah Revita Saragi

Dosen Program Studi S1 Kimia
Fakultas Matematika Dan Ilmu Pengetahuan Alam
Universitas Sumatera Utara

Fakultas Matematika dan Ilmu Pengetahuan Alam

fmipa.usu.ac.id/id/dosen/indah-revita-saragi

Indah Revita Saragi, S.Si., M.Si dilahirkan di Medan pada tanggal 31 Desember 1992. Beliau merupakan seorang dosen Kimia di Universitas Sumatera Utara. Beliau menyelesaikan pendidikan terakhirnya yakni S2 Kimia di Universitas Indonesia pada tahun 2019.

Publications

2026
Jurnal nasional terakreditasi

Preparation and Characterization of Mesoporous Zeolite from Natural Zeolite Using Tandem Acid–Base Treatments

INDAH REVITA SARAGI , Devi Yanti

2024
Jurnal internasional bereputasi

Preparation, characterization and decomposition test on Tapanuli organoclay reinforced cellulose acetate/cellulose acetate butyrate blend composites

INDAH REVITA SARAGI , LISNA JUNAENI MUIZ , Ariadne Lakshmidevi , Yuni Krisyuningsih

2023
Jurnal internasional bereputasi

Eco-benign synthesis of nano-gold chitosan-bacterial cellulose in spent ground coffee kombucha consortium Characterization, microbiome community, and biological performance

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Fabrication and characterization of hybrid eco-friendly high methoxyl pectin/gelatin/TiO2/curcumin (PGTC) nanocomposite biofilms for salmon fillet packaging

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2021
Book chapter internasional

Advanced Functional Porous Materials

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2021
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Synthesis of oleic-imidazoline and investigation on its inhibition efficiency for the corrosion of low carbon steel in chloride environments

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2021
Jurnal internasional bereputasi

The new challenge of partial oxidation of methane over Fe2O3/NaY and Fe3O4/NaY heterogeneous catalysts

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2020
Jurnal nasional terakreditasi

Natural Aluminosilicate-based Y Zeolite for Catalytic Cracking of n-Hexadecane

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2020
Jurnal nasional terakreditasi

ZnO/SiO2 Composite as Catalyst for the Transformation of Glycerol to Glycerol Carbonate

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2020
Prosiding seminar internasional

Synthesis and characterization of Fe2O3/HY from kaolin as catalysts in the partial oxidation reaction of methane to methanol

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2020
Prosiding seminar internasional

Synthesis of metal organic framework (MOF) using lanthanum and yttrium metals with succinate acid ligand as adsorbent for cadmium(II) metal ion

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2020
Prosiding seminar internasional

Synthesis of hierarchical Fe2O3/ZSM-5 from natural minerals as catalyst in partial oxidation of bio-methane

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2020
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Bangka Kaolin and Bayat Zeolite-based ZSM-5 zeolite as heterogeneous catalyst for hexadecane cracking reaction

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2019
Jurnal nasional terakreditasi

Grass-Like Structured Mesoporous Carbon as an Acid Red 119 Dye Adsorbent

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2019
Jurnal internasional bereputasi

Synthesis and characterization of crystalline NaY-Zeolite from Belitung Kaolin as catalyst for n-Hexadecane cracking

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2019
Book chapter internasional

Biogas- Recent Advanced and Integrated Approaches

INDAH REVITA SARAGI

2019
Prosiding seminar internasional

Synthesis and characterization HY zeolite from natural aluminosilicate for n-hexadecane cracking

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2018
Prosiding seminar internasional

Synthesis and Characterization of Zeolite NaY from kaolin Bangka Belitung with variation of synthesis composition and crystallization time

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Researches

2025
Kerjasama Luar Negeri dan Publikasi Internasional

Pemanfaatan Nanopartikel Sb-CdSe dalam Sel Surya Tersensitisasi Semikonduktor untuk Konversi Energi Surya

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Pemanfaatan Nanopartikel Sb-CdSe dalam Sel Surya Tersensitisasi Semikonduktor untuk Konversi Energi Surya

INDAH REVITA SARAGI , ANDY CANDRA , SITI UTARI RAHAYU , OFIN HASRAT LASE , MUTIARA PUTRI ZANNAH , Chiu-Hsien Wu

2024
Ipteks

Preparasi dan Karakterisasi Komposit Selulosa Asetat/Selulosa Asetat Butirat Komposit yang Diperkuat Organoclay Tapanuli

INDAH REVITA SARAGI , LISNA JUNAENI MUIZ , Ariadne Lakshmidevi

Community Services

2025
Ipteks

Pengabdian Proyek PINTAR: Belajar Sains dan Teknologi dari Mesin Pemilah Sampah Tanpa Ribet (PINTAR) di Yayasan Hasballah Syam Medan

INDAH REVITA SARAGI

2024
Ipteks Bagi Masyarakat

Edukasi Pemanfaatan Limbah Kelapa Sawit menjadi Bioplastik di Sekolah Indonesia Bangkok, Thailand

INDAH REVITA SARAGI