Crystina Simanjuntak, S.Si., M.Si

Lecturer of Undergraduate Program in Chemistry Study Program
Fakultas Matematika Dan Ilmu Pengetahuan Alam
Universitas Sumatera Utara

crystina24juntak@usu.ac.id

USU Faculty of Mathematics and Natural Sciences

fmipa.usu.ac.id/en/lecturer/crystina-simanjuntak

Crystina Simanjuntak, S.Si., M.Si was born in Palembang on December 24, 1994. She is a Chemistry lecturer at the Universitas Sumatera Utara. She completed her master's degree in Chemistry at the Universitas Sumatera Utara in 2020.

Publications

2026
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Thermal reduction of graphene oxide in ambient atmosphere for enhanced electrochemical performance on the electrode in a supercapacitor

DEVI LESTARI, M.SI. , HIMAWAN TRI BAYU MURTI PETRUS , CRYSTINA SIMANJUNTAK , Amru Daulay , WIDI ASTUTI , Fika Rofiek Mufakhir , Slamet Sumardi , Lukmanul Hakim Samada , AMELIA ANDRIANI PUTRI , Hanif Amrulloh

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Synthesis-Controlled Interfacial Engineering of Reduced Graphene Oxide–Transition Metal Oxide Nanocomposites for High-Efficiency Supercapacitors: A Review

YUSMIATI , CRYSTINA SIMANJUNTAK , KAUSAR DAULAY , Amru Daulay , Lukmanul Hakim Samada , SUSILO SUDARMAN , rahmadina

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2025
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Thermodynamic Approach to Biosynthesis of Silver Nanoparticles by Using Biomass-Derived Liquid Smoke as a Reductor

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Facile synthesis of nano-Si/graphite composites from rice husk for high performance lithium-ion battery anodes

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PENINGKATAN KAPASITAS DAN KUALITAS PRODUK ARANG TEMPURUNG KELAPA MELALUI PELATIHAN SDM UMKM USAHA ARANG BATOK DI DESA PATUMBAK

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CONDUCTIVITY ANALYSIS OF Cu/N-GRAPHENE AND Ni/N-GRAPHENE AS ELECTRODES ON PRIMARY BATTERY ANODES

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Distribution and risk assessment of natural radioactive elements in volcanic ashes, cold lava, river waters due to volcanic eruption of Mount Sinabung

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ANDRIAYANI , CRYSTINA SIMANJUNTAK , SAUR LUMBANRAJA , RIKSON A F SIBURIAN , SABARMIN PERANGINANGIN , MINTO SUPENO , NURHAIDA PASARIBU , HELMINA BR SEMBIRING , HERLINCE SIHOTANG

2018
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Detection and identification of morphine in blood of male white rats (rattus norvegicus) by ultraviolet-visible spectrophotometry

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The New Material Battery Based on Mg/C‐π

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Pengembangan Kemasan Aktif Berbasis Pati Beras Patah termodifikasi heat Moisture Treatment dengan Bioaktif Flavonoid Daun Kelor sebagai Inovasi Kemasan Pangan

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Sintesis Nanopartikel Perak dengan Asap Cair Hasil Pirolisis Tempurung Kelapa sebagai Reduktor Terbaru

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KINERJA PROTOTIPE BATERAI PRIMER (CU/GRAFENA//NH4CL-MNO2//C-Î (GRAFIT, GRAFENA, N-GRAFENA)

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PENINGKATAN KAPASITAS DAN KUALITAS PRODUKSI PUPUK PELENGKAP CAIR MELALUI PELATIHAN SDM DAN PEMBUATAN REAKTOR CV TABITA JAYA DI MEDAN

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CRYSTINA SIMANJUNTAK