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Prof. Dr. Zul Alfian, M.Sc., was born in Medan on April 5, 1955, and is a lecturer in the Undergraduate Program in Chemistry at the Universitas Sumatera Utara. He completed a Doctoral Program in Chemistry at UKM in 1994.

Publications

2026

Jurnal internasional bereputasi

Bioactivity and Phytochemical Constituents of Extract Etanol from Stem Musa paradisiaca Linn

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2026

Jurnal nasional terakreditasi

Analisis Kadar Karbon, Nitrogen, Fosfor, dan Kalium dari Tempe Busuk di Pasar Setia Budi Medan

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2026

Jurnal nasional terakreditasi

Studi Perbandingan Kadar Logam Arsenik (As) dan Besi (Fe) pada Air Zamzam yang Diperdagangkan dan Air Zamzam Mekkah Melalui Metode Inductively Coupled Plasma-Mass Spectrometry

ZUL ALFIAN

2026

Jurnal internasional bereputasi

THE STUDY OF CHITOSAN-CuO COMPOSITE'S APPLICATION AS ADSORBENT IN THE REMOVAL OF Fe, Mn, AND Zn IN BELAWAN RIVER WATER

ZUL ALFIAN

2026

Jurnal internasional bereputasi

Penentuan Kadar Unsur Kalsium (Ca²⁺) pada Susu Sapi Murni dan Susu Sapi di Pasar Dengan Metode Spektrofotometri Serapan Atom

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2026

Jurnal internasional bereputasi

Effect of Addition of Chitosan Derived From Shrimp Shell to Reduce The Caffeine Content of Powder Coffee

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2026

Jurnal internasional bereputasi

Analysis of the Copper (Cu), Chromium (Cr), and Manganese (Mn) Levels from the Steel Industry Liquid Waste by Atomic Absorption Spectrophotometry

Method

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Jurnal internasional

Study of Natural Radionuclide in Some Plants Food from Karo District Post Eruption of Mount Sinabung North Sumatera

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2026

Jurnal internasional bereputasi

Andriyani, SJ Samosir, GC-MS Analysis of Chemical Contents and Physical Properties of Essential Oil of Eucalyptus grandis from PT. Toba Pulp Lestari;

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Researches

2018

Penelitian Unggulan Perguruan Tinggi

Analisis Morfin (C₁₇H₁₉N₃O₃) Dalam Darah Tikus Putih Jantan (Rattus Norvegicus) Secara Invivo

ZUL ALFIAN , HARLEM MARPAUNG

2017

Penelitian Dana Lokal Perguruan Tinggi

Optimasi Penentuan Kadar Metapentamin Dalam Rambut Pengguna Sabu-Sabu Dengan Optimalisasi Peralatan GC-MS

ZUL ALFIAN , HARLEM MARPAUNG

Community Services

2020

Ipteks Fasilitasi Sistem Produksi Udang di Desa Rugemuk Kecamatan Pantai Labu Kabupaten Deli Serdang Tahun 2020

ZUL ALFIAN

2017

Penelitian Dana Lokal Perguruan Tinggi

Optimasi Pemisahan Minyak Atsiri Dari Tanaman Nilam (Pogostemon Cablin Benth) Dengan Menggunakan Metode Penyulingan Uap, Udara Panas Dan Perpaduan Antara Uap Dan Udara Panas

ZUL ALFIAN , HARLEM MARPAUNG

2014

Penelitian Hibah Bersaing

Potensi Kitosan Molekul Tinggi Dari Cangkang Belangkas (Tachypleus gigas) Seb