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Andy Candra, S.Si., M.Si. dilahirkan di Tebing Tinggi pada tanggal 12 Juni 1985. Saat ini, beliau menjabat sebagai dosen Kimia di Universitas Sumatera Utara. Beliau menyelesaikan pendidikan terakhirnya yakni pada jenjang Magister.

Publications

2026
Prosiding seminar internasional

Facile In-situ Biosynthesis of Silver Nanocompositebased Bacterial Cellulose Derived from Coffee Kombucha Consortium for Cell-attachment

ANDY CANDRA , Hsieh-Chih Tsai

2026
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ANDY CANDRA , Beyadgalem Endawoke Anley , Yohannis Wondwosen Ahmed , Afandy Yusuf , Sintayehu Leshe Kitaw , Darieo Thankachan , Mahvash Hira Khan , Hsieh-Chih Tsai

2025
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Impact of honey-enriched soursop leaves (Annona muricata) kombucha on lipid profiles and hypoglycemic properties: An in-vivo study

Haile Fentahun Darge , ANDY CANDRA

2025
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ANDY CANDRA , Yohannis Wondwosen Ahmed , Tsung-Yun Wu , Sintayehu Leshe Kitaw , Beyadgalem Endawoke Anley , Dario Thankachan , Zhen Xiang Hong , Shun-Hao Chuang , Mahvash Hira Khan , Haile Fentahun Darge , Kuan-Ju Chen , Hao-Ming Chang , Chun-Chiang Huang , Jun-Sheng Wang , Yu-Shuan Chen , Hsieh-Chih Tsai

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Raman Spectroscopic Analysis of Cu-Ag-In-S/CdSe Core/Shell Quantum Dots Grown on Mesoporous TiO2 Substrates

ANDY CANDRA , SITI UTARI RAHAYU

2024
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An advanced plasmonic bimetallic nanostar composite for ultra-sensitive SERS detection of crystal violet

ANDY CANDRA

2024
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Cu-mediated broadening of the absorption band of quaternary Cu-Ag-In-

S/CdSe type-II core/shell quantum dot-sensitized solar cells with an efficiency of 12.51% under 0.25 sun

SITI UTARI RAHAYU , ANDY CANDRA , Jen-Bin Shi , Ming-Way Lee

2024
Jurnal internasional bereputasi

A green method for fabrication of a biocompatible gold-decorated-bacterial cellulose nanocomposite in spent coffee grounds kombucha: A sustainable approach for augmented wound healing

ANDY CANDRA

2024
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Fabrication of polydopamine functionalized AgNF SERS substrate: Applications for sensitive detection of nivalenol in food samples and cell biocompatibility

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2023
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2023
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ANDY CANDRA

2022
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ANTIMICROBIAL ACTIVITY AND PHYSICAL PROPERTIES OF CHITOSAN-AREN SEED (Arenga Pinnata) STARCH EDIBLE FILM

ANDY CANDRA , MIMPIN GINTING , JAMARAN KABAN

2022
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Green solvent enhanced mechanical extraction of palm kernel oil

ANDY CANDRA , EKO K SITEPU , FIRMAN SEBAYANG , JULIATI BR TARIGAN , EMMA ZAIDAR

2022
Buku referensi

Film Pelapis Kitosan-Pati Biji Aren (Arenga Pinnata) Sebagai Kemasan Fillet Ikan Salmon

ANDY CANDRA

2021
Prosiding seminar internasional

Potential of crude protease from Mengkudu (Morinda citrifolia) fruit on extraction of Virgin Coconut Oil

EMMA ZAIDAR , ANDY CANDRA

2021
Prosiding seminar internasional

Potential of crude protease from Mengkudu (Morinda citrifolia) fruit on extraction of Virgin Coconut Oil

EMMA ZAIDAR , ANDY CANDRA

Researches

2020
Penelitian Dosen Pemula

Ekstraksi minyak inti kelapa sawit dengan pelarut hijau (green solvent)

ANDY CANDRA , EKO K SITEPU

Community Services

2024

Pengembangan Potensi Praktik IPA di Kelas SD Negeri 173637 Narumonda: Program Penyuluhan dan Pemberian Alat Kit

ANDY CANDRA , SITI UTARI RAHAYU , PUTRI KHARI ANI PURBA , EGA DHIA HAFIZAH , DAVID WIRANASETIO , MUNADIYA