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He brought many students to the international level through Scopus-indexed publications and conducted research on surfactants and applications, natural drying, adsorption technology, and energy productivity ratio. Currently, he serves as the head of the OTK laboratory.

Publications

2024
Jurnal internasional bereputasi

Effect of Radish (Raphanus Sativus L.) Height on Natural Drying Characteristics and Mathematical Modeling

BODE HARYANTO , CLAUDYA ELYSABETH SIMAMORA , VIKRAM ALEXANDER , RICHARD FELIX JONATHAN SINAGA

2024
Jurnal nasional terakreditasi

Pemurnian Minyak Jelantah Menggunakan Adsorben Natural Dari Pelepah Sawit dengan Perbedaan Ukuran MeshdanMassa

RIZKI AFFANDI , ASTRINA HUTABARAT , ANGGUN FEBRISMA , DWI ANNISA FITHRY , BODE HARYANTO

2024
Jurnal nasional terakreditasi

Perbedaan Massa dan RPM Terhadap Adsorben Karbon Pelepah Sawit pada Pemurnian Minyak Jelantah

BODE HARYANTO , RIZKI AFFANDI , DWI ANNISA FITHRY , ANGGUN FEBRISMA , ASTRINA HUTABARAT

2024
Prosiding seminar internasional

Purification of used cooking oil using natural corn cob and carbon corn cob as adsorbent with batch operation

LIANNA NESSIE HUTAGAOL , MAULIA FAZIRA , NATANIA CHRISTY SIANTURI , JESSIKA SEPTI PUSPA SITORUS , VIKRAM ALEXANDER , BODE HARYANTO

2023
Jurnal nasional terakreditasi

Pengaruh Perbedaan Ukuran dan Massa Adsorben Pelepah Sawit Teraktivasi dalam Pemurnian Minyak Jelantah Menggunakan Metode Shaker

BODE HARYANTO , DWI ANNISA FITHRY

2023
Jurnal internasional bereputasi

Comparison of adsorbing on dissolved copper metal by Natural and Activated Carbon from Rambutan (Nephelium Sp.) Rods

VIKRAM ALEXANDER , KRISSANDARTA TARIGAN , BODE HARYANTO

2021
Artikel ilmiah

Drying kinetics on mass reduction with natural operation of potatoes as simulation model

BODE HARYANTO

2021

Artikel ilmiah

Simulation of natural drying kinetics of carrot (Daucus carota L) on thickness variation

BODE HARYANTO

2020
Prosiding seminar internasional

Adsorption capacity of heavy metal cadmium using white sand as adsorbent

BODE HARYANTO

2015
Jurnal internasional bereputasi

Removing adsorbed heavy metal ions from sand surfaces via applying interfacial properties of rhamnolipid

BODE HARYANTO

2014
Jurnal internasional bereputasi

Foam-enhanced removal of adsorbed metal ions from packed sands with biosurfactant solution flushing

BODE HARYANTO

2014
Jurnal internasional bereputasi

Application of biosurfactant surfactin on copper ion removal from sand surfaces with continuous flushing technique

BODE HARYANTO

Researches

2024
Penelitian Kerjasama Antar Perguruan Tinggi

Pengaruh Perbedaan Ukuran dan Massa Adsorben Pelepah Sawit Teraktivasi dalam Pemurnian Minyak Jelantah Menggunakan Metode Shaker

BODE HARYANTO , DWI ANNISA FITHRY

2021
Penelitian Fundamental

Adsorbent Karbon Batang Rambutan

BODE HARYANTO

2021
Penelitian Fundamental

KINETIKA PENGERING SECARA ALAMI: KENTANG SEBAGAI MODEL SAMPEL

BODE HARYANTO

2020
Ipteks Bagi Masyarakat

Pengeringan Alami

BODE HARYANTO

Community Services

2022
Ipteks Bagi Masyarakat

PELATIHAN AKUNTANSI SEDERHANA MASA PANDEMI COVID 19 PADA PEDAGANG SAYUR MAYUR PASAR KWALA BEKALA MEDAN

SIMPATI MELLYGINTA SINUHAJI , BODE HARYANTO , YETI MELIANY LUBIS , TAUFIK AKBAR PARLUHUTAN

2017
Ipteks

Remediasi Pasir Terkontaminasi Ion Logam pada Kolom Pencucian Mengunakan SDS Surfaktan Bermuatan Negatif

BODE HARYANTO , SISWARNI MZ

2017
Ipteks

Kajian Remediasi Pasir Terkontaminai Logam Cadmium oleh Surfaktan SDS dan TX 100 pada Kolom Pencuci

BODE HARYANTO , SISWARNI MZ

Intellectual Property Rights

2023
Paten nasional

METODE PENGOLAHAN AIR GAMBUT MENGGUNAKAN EKO ENZIM BERBASIS LIMBAH KULIT JERUK DAN ADSORPSI MENGGUNAKAN KARBON AKTIF

BODE HARYANTO