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Publications

2026
Jurnal internasional bereputasi

Chemical Composition, Antifungal Activity, and Cytotoxic Effects of Indonesian Origanum vulgare Essential Oil

ARIYANI DRG , DWI SURYANTO , SAHARMAN GEA

2026
Jurnal internasional bereputasi

Exploration of Lactic Acid Bacteria as Potential Probiotic in Indonesian Traditional Fermented Food Products

ELISA JULIANTI , DWI SURYANTO

2025
Jurnal internasional bereputasi

In-vitro and bioinformatic studies of bioactive compounds from Oceanimonas sp. JM-AZM31 and Lysinibacillus fusiformis JM-AZM37 of sponge-associated marine bacteria from a mangrove habitat in Southeast Sulawesi

NABILA SWARNA PUSPA HERMANA , DWI SURYANTO , NUR ARFA YANTI , JENDRI MAMANGKEY

2025
Jurnal nasional terakreditasi

Antifungal activities of auto-polymerized silicone soft denture liner material containing Origanum vulgare gel against Candida albicans over 14-day period: an in vitro study

ARIYANI DRG , ISMET DANIAL NASUTION , DWI SURYANTO , SAHARMAN GEA

2024
Jurnal nasional terakreditasi

Preliminary Study on Potential Bacterial Species Introducing Antibacterial Agent from Sponge in Unggeh Island Central Tapanuli, Indonesia

LATIFAH NINGRUM ABDILLAH , DWI SURYANTO

2024
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Antibacterial activity of lactic acid bacteria from black soldier fly (Hermetia illucens) larvae fed with empty fruit bunch and tofu waste

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Jurnal internasional bereputasi

Antibacterial Activity of Ethanol Extract of the Marine Sponge (Agelas sp) Symbiont Bacillus cereus MH997647 IA5 against Klebsiella pneumoniae ESBL

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2024
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Antibacterial activity of lactic acid bacteria from black soldier fly (Hermetia

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Prosiding seminar nasional

Pemanfaatan Limbah Organik Terhadap Produksi dan Kandungan Nutrisi dari Larva Lalat (Hermetia illucens)

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2023
Jurnal internasional

THE EFFECT OF ADDITION 5% PROPOLIS NANOPARTICLES IN EPOXY RESIN AND BIOCERAMIC SEALERS ON THE GROWTH OF ENTEROCOCCUS FAECALIS ATCC 29212 AND THE DENTINAL TUBULAR PENETRATION: IN VITRO

NEVI YANTI , WIDI PRASETIA , TRIMURNI ABIDIN , DWI SURYANTO , NELMI WAHYUNI S

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Colocasia esculenta L.

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Potential of keratinolytic fungi isolated from chicken and goat farms soil, North Sumatra

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Isolation and screening of local cellulolytic fungi from the digestive tract larvae of Oryctes rhinoceros L., North Sumatra

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2019
Artikel ilmiah

Keratinolytic fungi isolated from Asam Kumbang Crocodile Breeding Farm, Medan, North Sumatra

ERMAN MUNIR , DWI SURYANTO

2019
Artikel ilmiah

First Report of Plant Growth Promoting Endophytic Bacteria from Medicinal Invasive Plants (Chromolaena odorata)

DWI SURYANTO , ERMAN MUNIR

2019
Artikel ilmiah

Isolation, Molecular Identification and Verification of Gene Encoding Bacterial Keratinase from Crocodile (Crocodylus porosus) Feces

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2019
Jurnal internasional bereputasi

Molecular identification xanthomonas oryzae pv. Oryzae causes of bacterial blight for rice with a specific primers

LISNAWITA , DWI SURYANTO , ZULHERI NOER

2018
Artikel ilmiah

An assay on endophytic bacteria from corn and paddy to control damping-off of Rhizoctonia solani in corn seedling

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2018
Jurnal internasional bereputasi

A Study on A Local Bacillus thuringiensis SP7 To Control Mosquito Larvae of Aedes aegypti

AHMAD FAISAL NASUTION , DWI SURYANTO , AMEILIA ZULIYANTI SIREGAR

2018
Jurnal internasional

Isolation of chitinolytic bacteria from two lizard digestive tract and characterization of their crude chitinase

AMEILIA ZULIYANTI SIREGAR , DWI SURYANTO

2017
Prosiding seminar internasional

Pathotype profile of Xanthomonas oryzae pv. oryzae isolates from North Sumatera

LISNAWITA , DWI SURYANTO , ZULHERI NOER

2017
Jurnal internasional bereputasi

Partial characterization of keratinolytic activity of local novel bacteria isolated from feather waste

DWI SURYANTO , ERMAN MUNIR

2017
Jurnal internasional bereputasi

A study of potential control of watermold saprolegnia Sp. of Gouramy (Osphonemus gouramy) eggs by bacterial Isolates

ERMAN MUNIR , DWI SURYANTO , YUNASFI

2016
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A Study of Potential Control of Watermold Saprolegnia Sp. of Gouramy (Osphonemus gouramy) Eggs by Bacterial Isolates

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2014
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PERBANDINGAN KONSENTRASI STATERIN DANION KALSIUM PADA SALIVA DANPLAK SUPRAGINGIVA(COMPARISONOFSTATHERINANDCALCIUMIONCONCENTRATIONIN SALIVAANDSUPRAGINGIVALPLAQUE)

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Researches

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Essential oil analysis of origanum vulgare and their antimicrobial activity and

toxicity

SAHARMAN GEA , DWI SURYANTO , ARIYANI DRG , ISMET DANIAL NASUTION

2022
Penelitian Disertasi Doktor

POTENSI BAKTERI ASAM LAKTAT (BAL) DARI LARVA LALAT (Hermetia illucens) SEBAGAI PROBIOTIK ALTERNATIF ANTIBIOTIC GROWTH PROMOTOR (AGP) PADA AYAM BROILER

MARUF TAFSIN , DWI SURYANTO , ELISA JULIANTI , DINI JULIA SARI SIREGAR

2021
Penelitian Unggulan Perguruan Tinggi

Keragaman dan potensi mikroba selulolitik dari saluran pencernaan larva Oryctes rhinoceros L. pendegradasi bahan organik

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2020
Penelitian Tim Pasca Sarjana

Optimalisasi Pemanfaatan Pati Talas dan Ekstrak Kulit Buah Naga Merah sebagai Bahan Baku Edible Coating pada Dodol

DWI SURYANTO , HOTNIDA SINAGA , KRISTINA SIPAYUNG

2020
Penelitian Tim Pasca Sarjana

Optimalisasi Pemanfaatan Pati Talas dan Ekstrak Kulit Buah Naga Merah sebagai Bahan Baku Edible Coating pada Dodol

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2015
Penelitian Fundamental

PELUANG PEMANFAATAN MIKROBA KERATINOLITIK PENDEGRADASI BULU AYAM UNTUK MENGHASIL

DWI SURYANTO , ERMAN MUNIR

2012
Penelitian Hibah Bersaing

Pengendalian Jamur Patogen Pada Ikan Dengan Bakteri Antagonis.

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Community Services

2024

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2014
Penelitian Hibah Bersaing

Eksplorasi dan Pengembangan Bakteri Asam Laktat Isolat Lokal Sumatera Utara seba

2013
Penelitian Fundamental

PELUANG PEMANFAATAN MIKROBA KERATINOLITIK PENDEGRADASI BULU AYAM UNTUK MENGHASIL

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Penelitian Hibah Bersaing

Pemanfaatan Fungi Sebagai Bioindikator Tingkat Pencemaran Logam Berat Tembaga (C

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Penelitian Unggulan Perguruan Tinggi

Pengembangan Biofungisida Ramah Lingkungan Berbasis Bakteri

2013
Penelitian Hibah Bersaing

Pemanfaatan Fungi Sebagai Bioindikator Tingkat Pencemaran Logam Berat Tembaga (C

Intellectual Property Rights

2019
Paten nasional

Ekstrak Etanol 70% Umbi Bawang Batak (Allium chinense G. Don.) yang Memiliki Aktivitas Antibakteri Terhadap Staphylococcus aureus

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2018
Paten nasional

Ekstrak Etanol 70% Daun Biwa (Eriobotrya japonica (Thunb) Lindl.) yang Memiliki Aktivitas Antibakteri Terhadap Staphylococcus aureus

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