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Publications

2025

Jurnal internasional bereputasi

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

DWI SURYANTO , ELISA JULIANTI , INGRID SIHOMBING

2025

Jurnal internasional bereputasi

Enhanced Wound Closure and Tissue Regeneration in Streptozotocin- Induced Diabetic Rats Treated with a Topical Usnea longissima Extract and Hyaluronic Acid Cream

SONY EKA NUGRAHA , ERMAN MUNIR , 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

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

Prosiding seminar internasional

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

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

2024

Jurnal internasional bereputasi

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

MARTINA RESTUATI , DWI SURYANTO , HERBERT SIPAHUTAR , ENDANG SULISTYARINI GULTOM

2024

Prosiding seminar internasional

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

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

2023

Jurnal nasional terakreditasi

The Effect of the Addition of Guava Leaf Extract (*Psidium guajava* L.) to

Coconut Milk Yoghurt (Niyoghurt) as A Functional Food

HOTNIDA SINAGA , DWI SURYANTO , RAIHAN DARY

2023

Jurnal internasional bereputasi

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

DWI SURYANTO

2023

Prosiding seminar nasional

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

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

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

2022

Jurnal nasional terakreditasi

Selection of probiotic candidate of lactic acid bacteria from *Hermetia illucens* larvae fed with different feeding substrates

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2022

Prosiding seminar internasional

Occurrence of microbial community on plastic wastes in Terjun Landfill, North Sumatra

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Occurrence of microbial community on plastic wastes in Terjun Landfill, North Sumatra

AHMAD FAISAL NASUTION , ERMAN MUNIR , DWI SURYANTO

2022

Jurnal nasional terakreditasi

Empowerment of Abandoned Ponds for Sustainable Mangrove Rehabilitation Activities in Percut Sei Tuan, Deli Serdang, Indonesia

DWI SURYANTO , MOHAMMAD BASYUNI , IPANNA ENGGAR SUSETYA

2022

Prosiding seminar internasional

Potential of cellulolytic fungi isolated from the intestine of Asiatic rhinoceros beetle (*Oryctes rhinoceros*)

DWI SURYANTO

2022

Prosiding seminar internasional

The effect of implementation of Good Manufacturing Practice (GMP) and the use of andaliman fruit extract as natural preservatives on microbiological quality of beef meatbals in household food industry â€œMak Ijiâ€ in Medan city

ELISA JULIANTI , DWI SURYANTO

2022

Jurnal nasional terakreditasi

Biosurfactant activity of phylloplane bacteria from an ornamental plant, *Colocasia esculenta* L.

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2022

Jurnal internasional bereputasi

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

ERMAN MUNIR , DWI SURYANTO

2021

Prosiding seminar internasional

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

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2021

Jurnal internasional bereputasi

Formula milk increases lactoferrin levels in 7-9 years old children

SUZANNA SUNGKAR , LUTHFIANI , DWI SURYANTO

2021

Jurnal nasional terakreditasi

Application of Partial Hydrolysis of Virgin Coconut oil (VCO) on Carrageenan-based Edible Coating as (*Sphyraena barracuda*) Fishball Preservative during Room Storage

ERPIANI SIREGAR , JANSEN SILALAHI , DWI SURYANTO

2021

Prosiding seminar internasional

Edible coating made of taro starch and red dragon fruit peel extract

HOTNIDA SINAGA , DWI SURYANTO

2021

Jurnal internasional bereputasi

Isolation and enzyme bioprospection of bacteria associated to *Bruguiera cylindrica*, a mangrove plant of North Sumatra, Indonesia

ERMAN MUNIR , DWI SURYANTO

2021

Jurnal internasional bereputasi

Isolation and enzyme bioprospection of bacteria associated to *Bruguiera cylindrica*, a mangrove plant of North Sumatra, Indonesia

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2019

Artikel ilmiah

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

DWI SURYANTO , ERMAN MUNIR

2019

Artikel ilmiah

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

DWI SURYANTO , ERMAN MUNIR

2019

Artikel ilmiah

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

ERMAN MUNIR , DWI SURYANTO

2019

Jurnal internasional bereputasi

Molecular identification *xanthomonas oryzae* pv. *Oryzae* causes of bacterial

blight for rice with a specific primers

DR LISNAWITA SP, MSI , 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

ERMAN MUNIR , DWI SURYANTO

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

DR LISNAWITA SP, MSI , 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

2014

Jurnal nasional terakreditasi

PERBANDINGAN KONSENTRASI STATERIN DAN ION KALSIMUM PADA SALIVA DAN PLAK SUPRAGINGIVA (COMPARISON OF STATHERIN AND CALCIUM ION CONCENTRATION IN SALIVA AND SUPRAGINGIVAL PLAQUE)

AMETA PRIMASARI , YUMI LINDAWATI , DWI SURYANTO

2013

Jurnal nasional terakreditasi

Pengaruh Lama Desinfeksi Dengan Energi Microwave Terhadap Perubahan Dimensi Dan Jumlah *Candida Albicans* Basis Gigi Tiruan Resin Akrilik Polimerisasi Pa...

PUTRI WELDA UTAMI RITONGA , HASLINDA Z TAMIN , DWI SURYANTO

Researches

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

DWI SURYANTO , ERMAN MUNIR

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

DWI SURYANTO

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.

DWI SURYANTO , ERMAN MUNIR

Community Services

2024
BoA Aiesec

DWI SURYANTO

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

2013
Penelitian Hibah Bersaing

Pemanfaatan Fungi Sebagai Bioindikator Tingkat Pencemaran Logam Berat Tembaga (C

2012
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*

DWI SURYANTO

2018
Paten nasional

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

DWI SURYANTO
