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## Publications

2025

Tulisan ilmiah

### **Bioactivity Profiling of Eco-Enzyme from Organic Waste Streams: A Study on Phenolic Content, Enzymatic Functionality and Antimicrobial Efficacy**

MAHATIR MUHAMMAD , IKHSAN SIREGAR , INDAH RIZKYA TARIGAN , KHALIDA SYAHPUTRI

2025

Prosiding seminar internasional

### **Docking study of anticancer activity of N-phenyl pyrazoline derivates as potential selective of cyclooxygenase-2 (COX-2) inhibitor**

ETI NURWENING SHOLIKHAH , TUTIK DWI WAHYUNINGSIH , Ema Damayanti , PAMUNGKAS BAGUS SATRIYO , MUSTOFA , MUHAMMAD HASAN BASHARI , HESTI LINA WIRASWATI , MAHATIR MUHAMMAD , DENNY SATRIA

2025

Jurnal internasional bereputasi

### **ANTIMICROBIAL AND ANTI-BIOFILM EFFECTIVENESS OF SAURAUIA VULCANI KORTH. ETHANOLIC EXTRACT: AN IN VITRO STUDY OF STAPHYLOCOCCUS AUREUS ATCC®25923™ AND CANDIDA ALBICANS ATCC®10231™**

IKA DEVI ADIANA , ERLIERA , AIDA FADHILLA DARWIS , TANTI DERIATY , DENNY SATRIA , MAHATIR MUHAMMAD

2025

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ERLIERA , IKA DEVI ADIANA , DENNY SATRIA , AIDA FADHILLA DARWIS , MAHATIR MUHAMMAD , TANTI DERIATY

2024

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### **Cytotoxic and apoptotic effect of Vernonia amygdalina Delile. fractions against Hs578t triple-negative breast cancer cell lines**

DENNY SATRIA , POPPY ANJELISA ZAITUN HASIBUAN , MAHATIR MUHAMMAD , SYUKUR BERKAT WARUWU , ROHMAD YUDI UTOMO

2024

Jurnal internasional

### **Cytotoxic and apoptotic effect of Vernonia amygdalina Delile. fractions against Hs578t triple-negative breast cancer cell lines**

ROHMAD YUDI UTOMO , DENNY SATRIA , MAHATIR MUHAMMAD , SYUKUR BERKAT WARUWU , Salar Hafez Ghoran , POPPY ANJELISA ZAITUN HASIBUAN

2023

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### **Antibacterial Activity of Silver Nanoparticles Poguntano Herb Extract ( Picria fel-terrae Lour) against Staphylococcus epidermidis**

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## **Phytochemicals and Proximate Analysis of Litsea Cubeba Lour. Barks**

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## **Optimization of curcumin extraction from Curcuma domestica Vahl. rhizome with microwave-assisted extraction technique in inhibiting nitric oxide production and cell viability**

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2023

Jurnal internasional bereputasi

## **Antibacterial and antioxidant activities of ethanol extract of Artocarpus lacucha Buch-Ham leaves**

DENNY SATRIA , PANAL SITORUS , Nasri , MAHATIR MUHAMMAD

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2023

Jurnal internasional bereputasi

## **The effect of extraction methods towards antioxidant activity of ethanol extract of Litsea cubeba Lour. barks**

DENNY SATRIA , AMINAH DALIMUNTHE , MAHATIR MUHAMMAD , DEWI PERTIWI

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## **Antibacterial activities of water extract of Vernonia amygdalina Delile leaves**

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## **Antibacterial and antioxidant activities of ethanol extract of Artocarpus altilis leaves**

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## **The Effect of Ethanol Percentage as Solvent towards Antioxidant Activity of Picria fel-terrae Lour. Herbs**

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## **Variation of Extraction Method of Vernonia amygdalina Delile Leaves Ethanol Extract as Antibacterial against Streptococcus mutans and Candida albicans**

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## **ANTIOXIDANT ACTIVITY OF N-HEXANE, DICHLOROMETHANE, ETHYL ACETATE, AND METHANOL EXTRACTS OF Litsea cubeba Lour. BARKS**

AMINAH DALIMUNTHE , DENNY SATRIA , MOHAMAD RAFI , MAHATIR MUHAMMAD

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## **THE EFFECT OF EXTRACTION METHOD OF VERNONIA AMYGDALINA DELILE. LEAVES ON CARDIOTONIC EFFECT**

RONY ABDI SYAHPUTRA , URIP HARAHAH , DENNY SATRIA , AMINAH DALIMUNTHE , MAHATIR MUHAMMAD

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## **THE EFFECT OF SOLVENT TOWARDS ANTIOXIDANT ACTIVITY OF *Vernonia amygdalina* Delile LEAVES.**

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## **Antioxidant and Cell Proliferation Induction Activities Combination of Hydroalcohol Extract of *Artocarpus lacucha* Buch. Ham. Leaves and *Anredera cordifolia* (Ten) Steenis. Leaves**

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## **The effect of extraction methods towards antioxidant activity of ethanol extract of *Picria fel-terrae* Lour. Herbs**

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## **Antioxidant Activity of Alkaloid Fraction and Compounds from *Litsea cubeba* Lour. Fruits**

POPPY ANJELISA ZAITUN HASIBUAN , AMINAH DALIMUNTHE , DENNY SATRIA , MAHATIR MUHAMMAD

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## **Antioxidant and Cell Proliferation Induction Activities Combination of Hydroalcohol Extract of *Artocarpus lacucha* Buch. Ham Leaves and *Anredera cordifolia* (Ten) Steenis. Leaves**

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## **ANTIOXIDANT AND CELL PROLIFERATION INDUCTION ACTIVITIES COMBINATION OF HYDROALCOHOL EXTRACT OF *Artocarpus lacucha* Buch. Ham. LEAVES AND *Anredera cordifolia* (Ten) Steenis. LEAVES**

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## **The Activity of Combination of Ethanol Extract of *Artocarpus lacucha* Buch.-**

## Ham and Anredera cordifolia Steenis Leaves to Increase Wound Healing Process on NIH-3T3 Cell Line

MAHATIR MUHAMMAD , DEWI PERTIWI , NAZLINIWATY , OLIVIA AVRIYANTI HANAFIAH , DENNY SATRIA

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### Effectivity of hand soap gel ethanol extract acem acem leaves (Oxalis dehradunensis Raizada) as pesticide cleaner: Experimental study in Indonesia farmers

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### THE EFFECT OF EXTRACTION METHOD OF VERNONIA AMYGDALINA DELILE. LEAVES ON CARDIOTONIC EFFECT

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### Antioxidant and Antibacterial Activities of Ethanol Extract of Vernonia amygdalina Delile. Leaves

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### Antioxidant and antibacterial activities of ethanol extract of Vernonia amygdalina Delile. Leaves

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### Antioxidant Activity, Total Phenolic and Total Flavonoid Content of Hydroalcoholic Extract of Artocarpus lacucha Buch-Ham. Leaves

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### Antioxidant activity, total phenolic and total flavonoid content of hydroalcoholic extract of Artocarpus lacucha Buch-Ham. Leaves

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2020

Artikel ilmiah

### Determination of Total Flavonoid and Total Phenol Content of Pagoda (Clerodendrum paniculatum) Leaves Ethanol Extract and It's Antioxidant Activity

DENNY SATRIA , DEWI PERTIWI , PANAL SITORUS , MAHATIR MUHAMMAD

## Researches

**Cytotoxic and apoptotic effect of Vernonia amygdalina Delile. fractions against Hs578t triple-negative breast cancer cell lines**

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