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## Publications

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2019

Jurnal internasional bereputasi

### **Cytotoxic activity of bornusu I towards T47D breast cancer cells**

DENNY SATRIA

2018

Jurnal internasional bereputasi

### **The effect of dietary oils and hydrolyzed coconut oil on minerals absorption in rats**

DENNY SATRIA

2023

Jurnal internasional bereputasi

### **Mobe leaf (*Artocarpus lakoocha* Buch. Ham) ethanol extract's antibacterial activity on *Streptococcus mutans* cell membrane leakage and biofilm formation: An in vitro study**

DENNY SATRIA

2024

Jurnal internasional bereputasi

### **PHYTOCHEMICAL ANALYSIS AND ANTIOXIDANT ACTIVITY OF METHANOL EXTRACT OF *ZANTHOXYLUM ACANTHOPODIUM* DC. FRUITS USING CUPRAC METHODS**

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™**

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

2024

Jurnal internasional bereputasi

### **Antioxidant Activity of Ethanol Extract of Puguntano Herb (*Picria fel-terrae* Lour.) and Effect on Superoxidase Dismutase and Lactate Dehydrogenase Levels in Doxorubicin-Induced ...**

DENNY SATRIA

2024

Jurnal internasional bereputasi

### **Wound Healing Activity Of Binahong Leaf Extract Nanogel On Oral Tissues**

AMI ANGELA HARAHAP , GOSTRY ALDICA DOHUDE , BERNARD , TASYFINA HANNAN FAJAR , CHANDRA LESTARI , AFIFAH AYUNI. HG , OLIVIA AVRIYANTI HANAFIAH , DENNY SATRIA

2024

Jurnal internasional bereputasi

### **EFFECTIVENESS OF CHITOSAN-BASED 0.5% TETRACYCLINE GEL AND**

# **FREEZE-DRIED PLATELET-RICH PLASMA ON POST-PERIODONTAL SURGERY HEALING: CLINICAL AND IMMUNOHISTOCHEMICAL EVALUATION**

RIO SIMANJUNTAK , PITU WULANDARI , KWARTARINI MURDIASTUTI , DENNY SATRIA , ARMIA SYAHPUTRA

2024

Jurnal internasional bereputasi

## **EFFECTIVENESS OF CORK FISH EXTRACT GEL ON FIBROBLAST PROLIFERATION IN SOCKET WOUND AFTER TOOTH EXTRACTION**

OLIVIA AVRIYANTI HANAFIAH , AFIFAH AYUNI. HG , NURINZIVA ZAHRA WARDHANI PULUNGAN , M. YUDHA ABDILLAH LUBIS , TASYFINA HANNAN FAJAR , ZAFIRA ALFAN MADHY , M. RASYAD AKRAMSYAH , DENNY SATRIA

2024

Jurnal internasional bereputasi

## **EFFECTIVENESS OF CHITOSAN-BASED 0.5% TETRACYCLINE GEL AND FREEZE-DRIED PLATELET-RICH PLASMA ON POST-PERIODONTAL SURGERY HEALING: CLINICAL AND IMMUNOHISTOCHEMICAL EVALUATION**

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®10231TM**

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2024

Jurnal internasional bereputasi

## **Cardioprotective Effect of Hydroalcohol Extract of Andaliman (Zanthoxylum acanthopodium DC.) Fruits on Doxorubicin-Induced Rats**

DENNY SATRIA

2025

Jurnal internasional bereputasi

## **The activity of pyrazoline B compound in inhibiting proliferation of breast cancer cells with human epidermal growth factor receptor 2 overexpression**

TUTIK DWI WAHYUNINGSIH , Dr. Ema Damayanti, M.Biotech , Syukur Berkat Waruwu , PAMUNGKAS BAGUS SATRIYO , MUSTOFA , ETI NURWENING SHOLIKHAH , MUHAMMAD HASAN BASHARI , HESTI LINA WIRASWATI , DENNY SATRIA

2025

Jurnal internasional bereputasi

## **Anticancer Activity of Pyrazoline A - D on MCF7 Breast Cancer Cell Line and Molecular Docking on Proliferation Proteins**

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

2019

Jurnal internasional bereputasi

## **Cell cycle inhibition of ethylacetate fraction of zanthoxylum acanthopodium DC. Fruit against T47D cells**

DENNY SATRIA

2023

Jurnal internasional bereputasi

## **Effectiveness freeze dried platelet rich plasma combination of hyaluronic acid after periodontal surgical healing: an experimental study on animal model**

MARTINA AMALIA , DENNY SATRIA , PITU WULANDARI

2019

Jurnal internasional bereputasi

## **The inhibitory activity of picria fel-terrae lour herbs extract on nitric oxide production toward RAW 264.7 cells induced by lipopolysaccharide**

DENNY SATRIA

2019

Jurnal internasional bereputasi

## **Activity anticancer n-hexane fraction of cyperus rotundus l. Rhizome to breast cancer MCF-7 cell line**

DENNY SATRIA

2022

Jurnal internasional bereputasi

## **THE EFFECTS OF THE COMBINATION OF ETHANOL BINAHONG LEAF (ANREDERA CORDIFOLIA) AND MOBE LEAF (ARTOCARPUS LAKOOCHA) EXTRACT GEL ON FIBROBLAST AND OSTEOCYTE PROLIFERATION IN WOUNDÁ ...**

DENNY SATRIA

2023

Jurnal internasional

## **Effect of andaliman (Zanthoxylum acanthopodium DC.) ethanol extract on doxorubicin-induced toxicity on hematology in male rats**

AMINAH DALIMUNTHE , DENNY SATRIA

2019

Jurnal internasional bereputasi

## **The antibacterial effect of enzymatic hydrolyzed virgin coconut oil on Propionibacterium acne, Bacillus subtilis, Staphylococcus epidermidis and methicillin-resistant Staphylococcus aureus**

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2024

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## **Aktivitas Antibakteri Ekstrak Etanol Daun Alpukat (Persea americana Mill) Terhadap Escherichia coli, Salmonella typhi, dan Pseudomonas aeruginosa**

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2023

Jurnal internasional bereputasi

## **Wound healing potential of formulated ointment by using virgin coconut oil in combination with Ethanol extract of Artocarpus lakoocha Roxb. leaves**

JANSEN SILALAH, YUANDANI , DENNY SATRIA

2025

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## **Anticancer Activity of Pyrazoline A-D on MCF7 Breast Cancer Cell Line and Molecular Docking on Proliferation Proteins**

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2022

Jurnal nasional

## **Aktivitas antibakteri ekstrak etanol daun pepaya (Carica papaya Linn.) terhadap bakteri Pseudomonas aeruginosa**

DENNY SATRIA

2015

Jurnal internasional bereputasi

## **Combinational effects of ethylacetate extract of picria fel-terrae lour and doxorubicin on t47d breast cancer cells**

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2025

Jurnal internasional bereputasi

## **PHYTOCHEMICAL ANALYSIS, ANTIOXIDANT AND ANTIBACTERIAL ACTIVITIES OF EXTRACT AND FRACTION OF Z. Acanthopodium DC. FRUITS**

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2024

Jurnal internasional bereputasi

## **Pyrazoline B-Paclitaxel or Doxorubicin Combination Drugs Show Synergistic Activity Against Cancer Cells: In silico Study**

2019

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### **Chemical analysis and cytotoxic activity of N-hexane fraction of Zanthoxylum acanthopodium DC. fruits**

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2024

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### **Biofabrication of silver nanoparticles using Artocarpus heterophyllus leaves extract: Characterization and evaluation of its antibacterial, antibiofilm, and antioxidant activities**

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2024

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### **Synergistic Antibacterial Effect of Ethyl Acetate Fraction of Vernonia amygdalina Delile Leaves with Tetracycline against Clinical Isolate Methicillin-Resistant Staphylococcus ...**

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### **The activity of pyrazoline B compound in inhibiting proliferation of breast cancer cells with human epidermal growth factor receptor 2 overexpression**

SYUKUR BERKAT WARUWU , DENNY SATRIA

2026

Jurnal nasional terakreditasi

### **Snack Bar Fortification with Catfish, Green Beans, and Pumpkin as a Self-Enterprise Innovation for Pregnant Women in the KEK program under the Stunting Prevention Movement in Tualang Village Serdang Bedagai Regency**

EMMA NOVIRSARI , AHMAD FADLI , SURYANI EKA MUSTIKA , DENNY SATRIA , ALFI SAPITRI , SYUKUR BERKAT WARUWU , VIVI ASFIANTI

2018

Jurnal internasional bereputasi

### **Identification of single nucleotide polymorphism insulin-like growth factor type 1 gene in vertical mandibular asymmetry patients with idiopathic scoliosis symptom**

DENNY SATRIA

2026

Jurnal internasional bereputasi

### **In-silico ANALYSIS OF VERNONIOSIDE D AND VERNONIOSIDE E FROM Vernonia amygdalina Delile. LEAVES AS INHIBITOR OF EPIDERMAL GROWTH FACTOR RECEPTOR (EGFR) AND MAMMALIAN TARGET OF ...**

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2016

Jurnal internasional bereputasi

### **Phenolic, flavonoid content and antioxidant activities of ethylacetate extract of Litsea Cubeba (Lour.) Pers. barks**

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2021

Jurnal internasional bereputasi

### **Phytochemicals analysis and cell cycle arrest activity of ethanol extract of litsea cubeba lour. Fruits towards mcf-7/her-2 cell line**

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2020

**Differences in dental arch characteristics between genders in patients with suspected condylar hyperplasia in a North Sumatra subpopulation: A cross-sectional study**

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2025

**ANALYSIS OF ARTOCARPIN CONTENT AND HEPATOPROTECTIVE ACTIVITY OF ETHANOL EXTRACT OF MOBE (*Artocarpus lacucha* Buch-Ham.) LEAVES ON THE LIVER OF RATS INDUCED BY PARACETAMOL**

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2024

**FIBROBLAST ACTIVITY AFTER APPLICATION OF 3% BINAHONG LEAVES EXTRACT GEL IN POST-EXTRACTION SOCKETS OF WISTAR RATS (*RATTUS NOVERGICUS*)**

OLIVIA AVRIYANTI HANAFIAH , DENNY SATRIA

2017

**Cell cycle arrest activity of *Litsea cubeba* Lour: Heartwood and fruit extracts against T47D breast cancer cells**

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2019

**The PI3KCA and AKT inhibitory activities of *Litsea cubeba* Lour. fruits and heartwoods towards hela cells**

DENNY SATRIA

2019

**Characterisation of lactic acid bacteria from Dengke Naniura of common carp (*Cyprinus carpio*) with  $\alpha$ -glucosidase inhibitory activity**

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2015

**Combination effect of ethylacetate extracts of *Plectranthus amboinicus* (Lour.) spreng. with doxorubicin againts T47D breast cancer cells**

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2024

**N-phenyl pyrazoline derivative inhibits cell aggressiveness and enhances paclitaxel sensitivity of triple negative breast cancer cells**

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

2018

**Hypoglycemic activity of ethanolic extract of *saurauia vulcani* korth. Leaves**

DENNY SATRIA

2018

**Antioxidant activity of alkaloid fractions of *zanthoxylum acanthopodium* dc. Fruits with 1,1-diphenyl-2-picrylhydrazyl assay**

DENNY SATRIA

2026

**Phytochemicals analysis and cell cycle arrest Activity of ethanol extract of *litsea cubeba* Lour.Fruits towards mcf-7/her-2 cell line**

2025

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**Anticancer activity of the ethylacetate fraction of Vernonia amygdalina Delile towards overexpression of HER-2 breast cancer cell lines**

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2026

Jurnal internasional bereputasi

**Dysplastic Model of Oral Squamous Cell Carcinoma in Male Wistar Rat: Chemically Induction with Dimethyl Benz (A) anthrance (DMBA)**

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2023

Jurnal internasional bereputasi

**Virtual screening of anticancer activity of chalcones and pyrazolines as potential EGFR, VEGFR, and cytochrome P450 inhibitors**

HESTI LINA WIRASWATI , MUHAMMAD HASAN BASHARI , NAYLA MAJEDA ALFARAFISA , DENNY SATRIA , ETI NURWENING SHOLIKHAH , TUTIK DWI WAHYUNINGSIH , MUSTOFA

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**Antioxidant Activity of Ethanol Extract of Puguntano Herb (Picria fel-terrae Lour.) and Effect on Superoxidase Dismutase and Lactate Dehydrogenase Levels in Doxorubicin-Induced Rats**

AMINAH DALIMUNTHE , PANAL SITORUS , DENNY SATRIA

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2024

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**Antioxidant Activity of Hydroalcoholic Extract of Puguntano Herbs and Andaliman Fruits by Cuprac Methods**

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2016

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**Cardioprotective effect of ethylacetate extract of poguntano (Picria fel-terrae Lour.) against doxorubicin-induced cardiotoxicity in rats**

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2024

Jurnal internasional bereputasi

**Africa leaf (Vernonia amygdalina Delille.) DCM extract synergistically supports growth suppression effect of doxorubicin on MCF7 and MCF7/HER2 with different effects on cell cycle progression and apoptosis evidence**

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2025

Jurnal internasional bereputasi

**Comparison of four modified methods of ligation induction of periodontitis in wistar rat model (pilot study)**

PITU WULANDARI , MARTINA AMALIA , DENNY SATRIA , RIO SIMANJUNTAK , BUDI

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2020

Jurnal internasional bereputasi

**The anticancer activities of Vernonia amygdalina Delile. Leaves on 4T1 breast cancer cells through phosphoinositide 3-kinase (PI3K) pathway**

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2024

Jurnal nasional terakreditasi

**Green Synthesis of Silver Nanoparticles Using Extract of Kluwih Leaves (Artocarpus camansi Blanco.) by Microwave-Assisted Irradiation and Their Antibacterial Properties**

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2019  
Jurnal internasional bereputasi

## **Correlation between the phytochemical constituents of curcuma mangga and its immunomodulatory effect**

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2024  
Jurnal internasional bereputasi

## **N-phenyl pyrazoline derivative inhibits cell aggressiveness and enhances paclitaxel sensitivity of triple negative breast cancer cells**

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2022  
Jurnal internasional bereputasi

## **Anti-inflammatory activity and toxicity evaluation of 1, 3-bis (p-hydroxyphenyl) urea**

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Prosiding seminar internasional

## **The effect of different concentrations of Lactobacillus fermentum from Dekke Naniura bacteria isolate with Streptococcus thermophilus on total lactic acid bacteria, pH value, and total titrable acidity of Yoghurt**

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2022  
Jurnal nasional

## **Sosialisasi Pemanfaatan Tanaman Obat Keluarga sebagai Immunomodulator**

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2018  
Jurnal internasional bereputasi

## **Antimigration activity of an ethylacetate fraction of Zanthoxylum acanthopodium DC. fruits in 4T1 breast cancer cells**

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## **Teratogenic effect of 1.3 bis (p-Hydroxyphenyl) urea on Wistar rats (Rattus norvegicus L.)**

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2019  
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## **Evaluation of cytotoxic activity alkaloid fractions of zanthoxylum acanthopodium DC. Fruits**

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2026  
Jurnal internasional bereputasi

## **In Silico Study of N-Pyrazoline Derivate Compounds as Anticancer Through Inhibition of PI3K and PR Expression**

SYUKUR BERKAT WARUWU , DENNY SATRIA

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2017  
Jurnal internasional bereputasi

## **Antioxidant and antiproliferative activities of an ethylacetate fraction of picria fel-terrae Lour. herbs**

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2023  
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## **The Lipid Profile and Aorta Histopathology On Hyperlipidemic Rat by Saurauia vulcani Korth. Leaves Extract**

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2020  
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## **Evaluation of dental arches in orthodontic patients with condylar hyperplasia in a North Sumatra subpopulation: a cross-sectional study**

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2023  
Jurnal internasional bereputasi

## **Mobe leaf (*Artocarpus lakoocha* Buch. Ham) ethanol extract's antibacterial activity on *Streptococcus mutans* cell membrane leakage and biofilm formation: An in vitro study**

SITI BAHIRRAH , DENNY SATRIA

2024  
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## **Oral acute toxicity study of ethanol extract of Mobe leaves (*Artocarpus lacucha* Buch-Ham) in Wistar rats**

DENNY SATRIA , PANAL SITORUS , AMINAH DALIMUNTHE

2024  
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## **Oral acute toxicity study of ethanol extract of Mobe leaves (*Artocarpus lacucha* Buch-Ham) in Wistar rats**

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2024  
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## **ANTI-INFLAMMATORY ACTIVITY OF 1.3-BIS(P-HYDROXYPHENYL)UREA AGAINST RAW 264.7 CELL**

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2023  
Jurnal internasional bereputasi

## **Phytochemicals, proximate composition, minerals and volatile oil analysis of *Zanthoxylum acanthopodium* DC. fruits**

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2022  
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## **Antibacterial activity of Medan Butterfly pea (*Clitoria ternatea* L.) corolla extract against *Streptococcus mutans* ATCC® 25175™ and *Staphylococcus aureus* ATCC® 6538™**

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2026  
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## **Biosynthesis of silver nanoparticles using mobe (*Artocarpus lakoocha* Roxb) leaf aqueous extracts and their potential as antioxidant and antibacterial agents**

DENNY SATRIA , SYUKUR BERKAT WARUWU

2026  
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## **In Silico Study of N-Pyrazoline Derivate Compounds as Anticancer Through Inhibition of PI3K and PR Expression**

DENNY SATRIA , HESTI LINA WIRASWATI

2023  
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## **THE EFFECT OF SOLVENT TOWARDS ANTIOXIDANT ACTIVITY OF *Vernonia amygdalina* Delile LEAVES.**

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2019  
Jurnal internasional bereputasi

## **The immunomodulatory activities of *Picria Fel-Terrae* lour herbs towards RAW**

**264.7 cells**

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2019

Jurnal internasional bereputasi

**Cytoprotective activity of ethylacetate fraction of picria fel-terrae lour. Herbs**

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2023

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**FORMULATION AND EVALUATION OF HERBAL CAPSULE CONTAINING CURCUMA MANGGA VALETON and ZIJP. EXTRACT AND ITS IMMUNOSTIMULATORY EFFECTS**

DENNY SATRIA , LIA LAILA , YUANDANI , SONY EKA NUGRAHA

2025

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**CLINICAL PARAMETERS OF CHITOSAN ORAL WOUND DRESSING FILM IN THE GINGIVAL INCISIONS OF WISTAR RATS (RATTUS NORVEGICUS)**

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2016

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**Ethylacetate extract of Zanthoxylum acanthopodium DC. fruit against doxorubicin-resistanced T47D cells**

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2020

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**Special investigation of developmental of mandibular asymmetry and imbalance body posture: A literature review**

DENNY SATRIA

2019

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**The role of coconut oil to increase expression of MMP-9, PDGF-BB, and TGF- $\beta$ 1 in NIH-3t3 cell line**

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**Functional Food Processing Application as PMT (Providing Additional Food) for BADUTA in the Program to Support the Movement to Prevent Stunting in Medan Deli District**

DENNY SATRIA

2014

Jurnal internasional bereputasi

**Cytotoxicity effect of sea horse (Hippocampus trimaculatus Leach.) extract and fractions on MCF-7 cell line**

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2026

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**Eco-friendly one-pot synthesis of silver nanoparticles via microwave irradiation using Artocarpus camansi extract: Characterization, antioxidant, and antibacterial applications**

DENNY SATRIA , SYUKUR BERKAT WARUWU

2024

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**Effect of African Leaves (Vernonia amygdalina Delile) on the Development of T47D Breast Cancer Cells**

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2024  
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## **Teratogenic effect of 1.3 bis(p-Hydroxyphenyl) urea on Wistar rats (*Rattus norvegicus* L.)**

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Jurnal internasional bereputasi

## **A computational study of cardiac glycosides from *Vernonia amygdalina* as PI3K inhibitors for targeting HER2 positive breast cancer**

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2024  
Jurnal internasional bereputasi

## **FIBROBLAST ACTIVITY AFTER APPLICATION OF 3% BINAHONG LEAVES EXTRACT GEL IN POST-EXTRACTION SOCKETS OF WISTAR RATS (*RATTUS NOVERGICUS*)**

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Jurnal internasional bereputasi

## **ANTI-INFLAMMATORY ACTIVITY OF 1.3-BIS (P-HYDROXYPHENYL) UREA AGAINST RAW 264.7 CELL**

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2021  
Jurnal internasional bereputasi

## **In-silico analysis of cardiac glycosides from *vernonia amygdalina delile*. Leaves as cardiotoxic through inhibition of $\text{Na}^+/\text{K}^+$ ATPase ion transport**

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2025  
Prosiding seminar internasional

## **Proximate composition and mineral analysis of *Picria fel-Terrae* Lour herbs**

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2019  
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## **Ethanol extract of herb pugun tanoh (*Picria fel-terrae* Lour.) modulates TCD4+ and TCD8+ cell profile of doxorubicin-induced immuno-suppressed rats**

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2023  
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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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2024  
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## **Herbal Mouth rinses and Mouthwashes in orthodontic care: a rapid review**

ERVINA SOFYANTI , DENNY SATRIA , ANANTO ALI ALHASYIMI , PITU WULANDARI , NADYA ALYSSA

2025  
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## **EFFICACY OF CHITOSAN NANOPARTICLES LOADED 0.7% TETRACYCLINE ON CLINICAL PARAMETERS AND PLATELET-DERIVED GROWTH FACTOR-BB IN RAT MODELS**

IRMA ERVINA , MARTINA AMALIA , DENNY SATRIA

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Jurnal internasional bereputasi

## **Phytochemical profiling and anti-inflammatory activity of *Citrus hystrix* DC.**

## **Peel essential oil**

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### **In-silico ANALYSIS OF N-PHENYL PYRAZOLINE DERIVATES AS POTENTIAL OF HUMAN EPIDERMAL GROWTH RECEPTOR-2 (HER-2) INHIBITOR USING MOLECULAR DOCKING AND MD SIMULATIONS**

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### **CLINICAL PARAMETERS OF CHITOSAN ORAL WOUND DRESSING FILM IN THE GINGIVAL INCISIONS OF WISTAR RATS (RATTUS NORVEGICUS)**

DENNY SATRIA , AINI HARIYANI NASUTION , IRMA ERVINA

2020

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### **In-silico toxicity prediction of bioactive compounds of vernonia amygdalina delile. And digoxin**

DENNY SATRIA

2018

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### **Antioxidant activity of alkaloid compounds from litsea cubeba lour**

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2025

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### **Biosynthesis and biological activity of silver nanoparticles from Zanthoxylum acanthopodium fruits**

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### **The activity of hydrolyzed virgin coconut oil to increase proliferation and cyclooxygenase-2 expression towards on nih 3t3 cell line in wound healing process**

DENNY SATRIA

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### **IN SILICO STUDY OF ANTICANCER ACTIVITY OF PYRAZOLINE C AND M AS POTENTIAL SELECTIVE OF CYCLOOXYGENASE-2 (COX-2) INHIBITOR USING MOLECULAR DOCKING AND MD SIMULATIONS**

DENNY SATRIA

2024

Jurnal internasional bereputasi

### **In vivo Analysis of Saurauia vulcani Korth. Leaves Extract as Antihypercholesterolemic**

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2022

Jurnal internasional bereputasi

### **Wound healing potential of formulated ointment by using virgin coconut oil in combination with Ethanol extract of Artocarpus lakoocha Roxb. leaves**

DENNY SATRIA

2020

Jurnal internasional bereputasi

### **Combination therapy of eurycomanone and doxorubicin as anticancer on T47D and MCF-7 cell lines**

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## **In-silico ANALYSIS OF N-PHENYL PYRAZOLINE DERIVATES AS POTENTIAL OF HUMAN EPIDERMAL GROWTH RECEPTOR-2 (HER-2) INHIBITOR USING MOLECULAR DOCKING AND MD SIMULATIONS**

HESTI LINA WIRASWATI , ETI NURWENING SHOLIKHAH , MUSTOFA , SYUKUR BERKAT WARUWU , PAMUNGKAS BAGUS Satriyo , DENNY SATRIA , TUTIK DWI WAHYUNINGSIH

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

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## **Effectiveness freeze dried platelet rich plasma combination of hyaluronic acid after periodontal surgical healing: an experimental study on animal model:(In Vivo Studies)**

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## **ANTIOXIDANT ACTIVITY OF FLAVONOID RICH FRACTION OF (VERNONIA AMYGDALINA DELILE.) LEAVES**

DENNY SATRIA

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## **PENYULUHAN PEMBUATAN SEDIAAN SABUN CUCI TANGAN CAIR DARI MINYAK KELAPA MURNI (Virgin coconut oil)**

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2024  
Jurnal internasional bereputasi

## **Synergistic Antibacterial Effect of Ethyl Acetate Fraction of Vernonia amygdalina Delile Leaves with Tetracycline against Clinical Isolate Methicillin-Resistant Staphylococcus ...**

DENNY SATRIA

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## **Effect of saurauia vulcani korth. Leaves on superoxide dismutase, hba1c levels and insulin expression in hyperglycemic rats**

DENNY SATRIA

2023  
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## **A Review on The Benefits of Probiotics as Fermented Food against Several Diseases**

DENNY SATRIA

2014  
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## **Combinational effects of ethylacetate extract of Zanthoxylum acanthopodium DC. with doxorubicin on T47D breast cancer cells**

DENNY SATRIA

2024  
Jurnal internasional bereputasi

## **Africa leaf (Vernonia amygdalina Delille.) DCM extract synergistically supports growth suppression effect of doxorubicin on MCF7 and MCF7/HER2 with different effects on cell ...**

DENNY SATRIA

2017

## **Anticancer activity of $\beta$ -sitosterol from *Plectranthus amboinicus* (Lour. Spreng.) leaves: In vitro and in silico studies**

DENNY SATRIA

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Jurnal internasional bereputasi

## **EFFECTIVENESS OF CORK FISH EXTRACT GEL ON FIBROBLAST PROLIFERATION IN SOCKET WOUND AFTER TOOTH EXTRACTION**

DENNY SATRIA

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Jurnal internasional bereputasi

## **Antibacterial Potential of Ethanolic Extract of Avocado Leaves (*Persea americana* mill.) against Clinical Isolate of *Klebsiella pneumoniae* and *Proteus mirabilis***

DENNY SATRIA

## **Researches**

2025

Biomedik

## **Amplification of Myc Are Associated with Aggressive Phenotype and Therapy Response of Breast Cancer Patients**

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

2021

Ipteks

## **Potensi gen Bone morphogenetic protein-2 (BMP-2) dalam perkembangan hiperplasia kondilus mandibula pada subjek asimetri wajah dengan asimetri postur tubuh**

TRELIA BOEL , ERVINA SOFYANTI , DENNY SATRIA

2022

Penelitian Kerjasama Antar Perguruan Tinggi

## **Pengembangan Targeted Therapy Senyawa Turunan N-phenylpyrazoline pada Breast Cancer Stem Cell**

DENNY SATRIA

2023

Kerjasama Luar Negeri dan Publikasi Internasional

## **EFEKTIVITAS DAUN SAURAUIA VULCANI KORTH. DALAM MEREDUKSI SITOKIN PRO INFLAMASI TRPV-1, TNF- $\alpha$ , DAN CORTISOL DALAM PERAWATAN ORTODONTI SECARA IN VIVO.**

NURDIANA , ERLIERA , DENNY SATRIA

2021

Penelitian Unggulan Perguruan Tinggi

## **KAJIAN MOLEKULER PENYEMBUHAN LUKA PALATAL DAN LUKA PASCA PENCABUTAN GIGI SETELAH PEMBERIAN GEL KOMBINASI EKSTRAK ETANOL DAUN BINAHONG (*Anredera cordifolia* (Ten.) Steenis.) DAN DAUN MOBE (*Artocarpus lacucha* Buch.-Ham)**

OLIVIA AVRIYANTI HANAFIAH , NAZLINIWATY , DENNY SATRIA

2025

Biomedik

## **Terapi Senyawa Chlorothienyl-based Pyrazoline serta Kombinasi Terapi Senyawa Chlorothienyl-based Pyrazoline dan Terapi Standar Pada Berbagai Sel Kanker : Studi In Vitro Mengatasi Resistensi Terapi Standar Pada Kanker**

ETI NURWENING SHOLIKHAH , ANAK AGUNG DEWI MEGAWATI , MUSTOFA , DENNY SATRIA , TUTIK DWI WAHYUNINGSIH , PAMUNGKAS BAGUS SATRIYO

2021  
Ipteks

## **Potensi Ekstrak Bunga Telang (*Clitoria ternatea*) sebagai Obat Herbal Alami Antibakteri untuk Perawatan Gingivitis pada Pasien Ortodonti Cekat**

ERVINA SOFYANTI , PITU WULANDARI , DENNY SATRIA , SRI DEWI ARDIYANTI P , STEPHANIE ARTHA LIMBONG

2023

Penelitian Unggulan Perguruan Tinggi

## **Kapsul Ekstrak Ikan Gabus (*Channa striata*) Sebagai kandidat OHT untuk Mempercepat Penyembuhan Luka Pasca Pencabutan Gigi (In-Vivo)**

OLIVIA AVRIYANTI HANAFIAH , SAYUTI HASIBUAN , PITU WULANDARI , DENNY SATRIA , AFIFAH AYUNI. HG , MUHAMMAD ZEEDANE AULIA ATTAMAMI SIREGAR , MUHAMMAD HAEKAL FAHMY ANNAUFAL

## **Community Services**

2025

### **Snack Bar Fortification with Catfish, Green Beans, and Pumpkin as a Self-Enterprise Innovation for Pregnant Women in the KEK program under the Stunting Prevention Movement in Tualang Village Serdang Bedagai Regency**

SURYANI EKA MUSTIKA , VIVI ASFIANTI , ALFI SAPITRI , SYUKUR BERKAT WARUWU , AHMAD FADLI , DENNY SATRIA

2024

Ipteks Bagi Masyarakat

### **Functional Food Processing Application as PMT (Providing Additional Food) for BADUTA in the Program to Support the Movement to Prevent Stunting in Medan Deli District**

VIVI ASFIANTI , AHMAD HAFIZULLAH RITONGA , ALFI SAPITRI , AHMAD FADLI , DENNY SATRIA

2024

Penelitian Kerjasama Antar Perguruan Tinggi

### **Stunting Prevention Movement Through Fortification of Moringa Leaves and Mung Bean Flour in Cookies as PMT (Supplementary Feeding) For Toddlers in Medan Sunggal District**

AMINAH DALIMUNTHER , DENNY SATRIA

2023

Ipteks Bagi Masyarakat

### **Aplikasi Pengolahan Pangan Fungsional Sebagai PMT (Pemberian Makanan Tambahan) untuk BADUTA Dalam Program Mendukung Gerakan Cegah Stunting Di Kecamatan Medan Deli**

VIVI ASFIANTI , AHMAD HAFIZULLAH RITONGA , DENNY SATRIA

2025

Ipteks Bagi Masyarakat

### **FORTIFIKASI DAUN KELOR DAN TEPUNG KACANG HIJAU DALAM KUKIS SEBAGAI PMT (PEMBERIAN MAKANAN TAMBAHAN) UNTUK BALITA DALAM PROGRAM MENDUKUNG GERAKAN CEGAH STUNTING DI KECAMATAN MEDAN SUNGGAL**

AMINAH DALIMUNTHER , HAFID SYAHPUTRA , DENNY SATRIA

2024

Ipteks Bagi Masyarakat

### **Pengembangan Potensi Kreativitas Dan Keterampilan Masyarakat Dalam Upaya Mendukung Program Pengentasan Kawasan Rawan Narkoba Pada Kelurahan Tualang Kabupaten Serdang Bedagai**

AMIN HOU , AHMAD FADLI , DENNY SATRIA

2025

Ipteks Bagi Masyarakat

### **Development of Community Creativity and Skills Potential in Supporting the Drug-Prone Area Eradication Program in Tualang Village Serdang Bedagai Regency**

## Intellectual Property Rights

2024

Paten nasional

### **FORMULASI KAPSUL EKSTRAK ETANOL RIMPANG TEMU MANGGA (Curcuma mangga Val.) SEBAGAI IMUNOMODULATOR**

YUANDANI , SONY EKA NUGRAHA , DENNY SATRIA , LIA LAILA

2024

Paten nasional

### **KOMPOSISI GEL EKSTRAK IKAN GABUS (CHANNA STRIATA) UNTUK PENYEMBUHAN LUKA SOKET PASCA PENCABUTAN GIGI**

OLIVIA AVRIYANTI HANAFIAH , DENNY SATRIA

2024

Paten nasional

### **Ekstrak Etanol Pegagan (Centella asiatica) 0,5% b/v Untuk Pencegahan Perkembangan Keganasan Lesi Prekanker (Displasia)**

AHYAR RIZA , DENNY SATRIA

2024

Paten nasional

### **PROSES EKSTRAKSI NATRIUM ALGINAT DARI TALUS RUMPUT LAUT COKLAT (SARGASSUM POLYCISTUM)**

AMINAH DALIMUNTHE , VIVI ASFIANTI , DENNY SATRIA

2024

Paten nasional

### **EKSTRAK ETANOL RIMPANG TEMU MANGGA (Curcuma mangga Val.) SEBAGAI STIMULAN PRODUKSI ANTIBODI**

YUANDANI , LIA LAILA , DENNY SATRIA , SONY EKA NUGRAHA