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## Publications

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2024

Jurnal internasional bereputasi

**Antiinflammation and antifungal effects of silver nanoparticles greenly synthesized using Phyllanthus emblica l. extract as a reducing agent against dermatophytosis**

SUMAIYAH , HAFID SYAHPUTRA , VERENTIO FANI , MASFRIA

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2024

Buku referensi

**Khasiat & Manfaat Tanaman Ekor Naga**

MASFRIA , HAFID SYAHPUTRA

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2024

Jurnal nasional terakreditasi

**Isolation and identification of diosgenin and flavonoids compound from ethanol extract of Dioscorea hispida Dennst. tuber**

HAFID SYAHPUTRA , MASFRIA

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2025

Jurnal internasional bereputasi

**Histopathological and immunohistochemical evaluation of the impact of coconut shell-derived liquid smoke hydrogel on diabetic wound healing**

YUSNI ATIFAH , MASFRIA , HENNY LUCIDA , HAFID SYAHPUTRA , EMIL SALIM

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2024

Jurnal internasional bereputasi

**ANTIINFLAMMATION AND ANTIFUNGAL EFFECTS OF SILVER NANOPARTICLES GREENLY SYNTHESIZED USING PHYLLANTHUS EMBLICA L. EXTRACT AS A REDUCING AGENT AGAINST DERMATOPHYTOSIS**

HAFID SYAHPUTRA , MASFRIA , SUMAIYAH

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2022

Jurnal internasional

**Potential of Polyisoprenoid of Mangroves as Antimicrobial and Anticancer: A Bibliometric Analysis**

MASFRIA , MOHAMMAD BASYUNI

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2018

Jurnal internasional bereputasi

**In vitro antibacterial activity of the ethanolic extract of Jaloh (Salix Tetrasperma Roxb) leaves against staphylococcus aureus and pseudomonas aeruginosa**

MASFRIA

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2018

Jurnal internasional bereputasi

**Pembuatan Dan Karakterisasi Nanopartikel Ekstrak Etanol Daun Ekor Naga**

# **(Rhaphidophora pinnata (Lf) Schott) Menggunakan Metode Gelasi Ionik**

MASFRIA

2024

Prosiding seminar internasional

## **Production, characterization, and potential phenol content of various grades liquid smoke made from coconut shell waste (Cocos nucifera L.)**

HAFID SYAHPUTRA , HENNY SRI WAHYUNI , NILSYA FEBRIKA ZEBUA , MASFRIA

2022

Jurnal internasional

## **Synthesis Of Silver Nanoparticles (Agnp) From The Extract Of Kemloko Fruit (Phyllantus Emblica L.)**

SUMAIYAH , MASFRIA

2018

Jurnal nasional

## **PENETAPAN KADAR KALIUM, KALSIUM, NATRIUM DAN MAGNESIUM DALAM BUNGA NANGKA (Artocarpus eterophyllus Lam.) JANTAN SECARA SPEKTROFOTOMETRI SERAPAN ATOM**

MASFRIA

2024

Jurnal internasional bereputasi

## **Study of Total Phenols, Flavonoids, Antioxidant and Antibacterial Activities from Dioscorea hispida Tubers**

HAFID SYAHPUTRA , MASFRIA

2018

Jurnal nasional terakreditasi

## **EVALUASI ORGANOLEPTIK PERMEN HERBAL KENCUR (Kaempferia galanga L rhizoma) DAN JAHE MERAH (Zingiber officinale var rubrum rhizoma)**

MASFRIA

2025

Jurnal internasional bereputasi

## **Standardisation and toxicity assessment of Dioscorea hispida (Dennst) tubers: Acute and subchronic dosage studies**

HAFID SYAHPUTRA , MASFRIA

2023

Prosiding seminar internasional

## **Standardization Study of Simplicia Nanoparticle from Phyllanthus emblica L. Fruit**

AMINAH DALIMUNTHE , HAFID SYAHPUTRA , IMAM BAGUS SUMANTRI , MASFRIA

2017

Jurnal internasional bereputasi

## **Antimutagenic activity of ethanol extract of Rhaphidophora pinnata (L.f) schott leaves on mice**

AMINAH DALIMUNTHE , MASFRIA , SUMAIYAH

2019

Jurnal internasional bereputasi

## **The antifungal activity of n-hexane extract of eleutherine palmifolia (L). merr bulbs against candida albicans and trichophyton mentagrophytes**

MASFRIA

2020

Jurnal nasional

## **Aktivitas Antinefrolitiasis Ekstrak Air Rhaphidophora pinnata (L.f) Schott pada Tikus Putih Galur Wistar Jantan**

YADE METRI PERMATA , MASFRIA , MARIANNE

2018

Jurnal internasional bereputasi

**Effect of hexane fraction from Papaya (*Carica papaya* L.) male flower on cell cycle of colon adenocarcinoma (widr) cell and its combination index with doxorubicin**

MASFRIA

2022

Jurnal internasional

**In-vitro Evaluation of The A-Glucosidase Inhibitory, Anti-Cholesterol, And DPPH Scavenging Potential of Leave Extracts of *Rhaphidophora pinnata***

MASFRIA , YADE METRI PERMATA

2022

Jurnal internasional bereputasi

**Antibacterial Activity Of *Daemonorops Draco* (Willd) Blume Fruit Ethanol Extract Against Some Bacterial Pathogens**

MASFRIA , PANAL SITORUS

2018

Jurnal internasional bereputasi

**The Preparation and Characterization of Ethanol Extract Nanoparticle from *Rhaphidophora pinnata* (L.f.) Schott Leaves by using Arabic Gum and Dextrin**

AMINAH DALIMUNTHE , MASFRIA , SUMAIYAH

2025

Jurnal internasional bereputasi

**Histopathological and immunohistochemical evaluation of the impact of coconut shell-derived liquid smoke hydrogel on diabetic wound healing**

YUSNI ATIFAH , MASFRIA , HENNY LUCIDA

2019

Jurnal internasional bereputasi

**Organic and Inorganic Analysis of *Rhaphidophora pinnata* (l.f.) Schott Water Extract**

YADE METRI PERMATA , MARIANNE , MASFRIA

2024

Jurnal internasional bereputasi

**Analysis of total flavonoid and antioxidant activity of coconut shell liquid smoke (*Cocos nucifera* L.) as an antibacterial**

NILSYA FEBRIKA ZEBUA , MASFRIA , HAFID SYAHPUTRA , ELIZABETH , MARCELYNN , HENNY SRI WAHYUNI

2018

Jurnal internasional bereputasi

**DETERMINATION OF TOTAL PHENOLIC CONTENT, TOTAL FLAVONOID CONTENT, AND ANTIMUTAGENIC ACTIVITY OF ETHANOL EXTRACT NANOPARTICLES OF *RHAPHIDOPHORA PINNATA* (L.F) SCHOTT LEAVES**

SUMAIYAH , MASFRIA , AMINAH DALIMUNTHE

2023

Jurnal internasional

**The Nutritional Lipid Profiles of Marine Fish from Medan, Indonesia**

MASFRIA

2022

Jurnal internasional

**Determination of Iron Content, Potassium, Calcium, and Sodium In Chinese Date Fruit (*Ziziphus Jujuba* Miller.) Fresh and Boiled In Atomic Adsorption Spectrophotometry**

MASFRIA , EFFENDY DELUX PUTRA

2023

Prosiding seminar internasional

**Production, Characterization, and Potential Phenol Content of Various Grades Liquid Smoke Made from Coconut Shell Waste (*Cocos nucifera* L.)**

MASFRIA

2016

Jurnal internasional

**Repellent Lotion from Mixture of Basil (*Ocimum basilicum* L) Essential Oil and Aloe vera Extrac**

MASFRIA

2019

Jurnal internasional bereputasi

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

MASFRIA

2020

Jurnal internasional bereputasi

**Phytochemicals Analysis and Cytotoxicity Activity of Ethanol Extract of Litseacubeba Lour. Heartwood**

AMINAH DALIMUNTHE , MASFRIA

2018

Jurnal internasional bereputasi

**Formulation and evaluation of miconazole nitrate nanoemulsion and cream**

MASFRIA

2018

Jurnal internasional bereputasi

**ETHANOL EXTRACT AND ACTIVE FRACTION EFFECT OF Moringa Oleifera. Lam IN INHIBITING COX-2 ACTIVITY ON MCF-7 CELL**

MASFRIA

2018

Jurnal internasional bereputasi

**Assessment of physicochemical properties and phytochemical constituents along with antibacterial potential of Tarenna polycarpa leaf fractions**

MASFRIA

2024

Jurnal nasional terakreditasi

**Phytochemical Screening and Determination of Phenolic and Flavonoid Contents in Ethanol Extract of Phyllanthus emblica L. Fruit**

HAFID SYAHPUTRA , MASFRIA

2020

Jurnal internasional bereputasi

**Formula comparison of nanoemulsion and cream containing miconazole nitrate: Penetration test using franz diffusion cells and antifungal activity test on Tricophyton mentagrophytes, microsporum canis and Candida albicans**

MASFRIA

2019

Jurnal internasional bereputasi

**Analysis chemical compounds and antimicrobial activity of red onion (*Allium cepa* L.) bulb skin extract**

MASFRIA

2025

Jurnal internasional bereputasi

**ANTIBACTERIAL AND ANTI-INFLAMMATORY ACTIVITIES OF NANOSIMPLICIA PHYLLANTUS EMBLICA L. FRUIT IN SUSPENSION FORMULATION**

HAFID SYAHPUTRA , MASFRIA , SUMAIYAH

2024

Jurnal internasional bereputasi

**Inhibition Activity Liquid Smoke Cocos nucifera L. on DPP-IV and Age-Rage insilico and in vitro; Antidiabetic and Anti-inflammatory Activity**

2018

Jurnal internasional bereputasi

### **Optimization and evaluation of topical ketoconazole nanoemulsion**

MASFRIA

2024

Jurnal internasional bereputasi

### **INHIBITION ACTIVITY OF LIQUID SMOKE COCOS NUCIFERA L. ON DPP-IV AND AGE-RAGE IN SILICO AND IN VITRO: ANTIDIABETIC AND ANTI-INFLAMMATORY ACTIVITY**

HENNY LUCIDA , MASFRIA , YUSNI ATIFAH , HAFID SYAHPUTRA , HANNA MURTI SIHOMBING

2020

Jurnal internasional bereputasi

### **Anti-Inflammatory Activity of Rhabdophora pinnata (LF) Schott Leaf Extract**

MASFRIA , SUMAIYAH , AMINAH DALIMUNTHE

2024

Jurnal internasional bereputasi

### **Anti-inflammatory and anti-aging activity of hydrogel with active ingredient Phyllanthus emblica L. fruit nanosimplicia**

HAFID SYAHPUTRA , MASFRIA , SUMAIYAH

2021

Jurnal internasional bereputasi

### **Antimutagenic activity of nanoparticles of Rhabdophora pinnata leaves in mice using micronucleus assay**

MARIANNE , MASFRIA , YADE METRI PERMATA

2024

Jurnal internasional bereputasi

### **Analysis of phytochemical, mineral, total phenol, flavonoids and antimicrobial from ethanol extracts and fractions of phyllanthus acidus (L.) skeels fruit**

MASFRIA , HAFID SYAHPUTRA , GITTA YOHANA AVULINA BR TARIGAN , ELDA LASTRY MARTA YANTI SITUMEANG , PANI REFLESIA NAINGGOLAN , LAILI KHAIRANI

2023

Jurnal internasional bereputasi

### **Formulation and Evaluation of Antibacterial and Anti-Inflammatory Capsules Containing Phyllanthus emblica L. Fruit Nanoparticles**

SUMAIYAH , MASFRIA , HAFID SYAHPUTRA

2025

Prosiding seminar internasional

### **Isolation and identification of flavonoid compound from ethanol extract of Kemloko fruit (Phyllanthus emblica L.)**

MASFRIA , HAFID SYAHPUTRA , AMINAH DALIMUNTHE , DEASY FOURQUITA

2018

Jurnal nasional

### **Total Phenolic Content and Antibacterial Activity of Nut Grass (Cyperus rotundus L.) Extract**

MASFRIA , YADE METRI PERMATA

2020

Jurnal nasional

### **Standarisasi Ekstrak Air dan Simplicia Nano Daun Rhabdophora pinnata (L.F.) Schott**

YADE METRI PERMATA , MASFRIA , MARIANNE

2025

Prosiding seminar internasional

### **Evaluation of Nutritional Parts of Lutjanus argentimaculatus Fish Based on Fatty Acid Composition on the Triacylglycerol**

2020

Prosiding seminar internasional

### **Diuretic activity from Nanoparticles of Ekor Naga Leaves (*Rhaphidophora pinnata* (L.f.) Schott)**

MARIANNE , MASFRIA , YADE METRI PERMATA

2019

Jurnal nasional

### **Mineral Analysis in *Dioscorea hispida* Dennst. Tuber by Atomic Absorption Spectrophotometry**

MASFRIA

2025

Jurnal internasional bereputasi

### **Phytochemical Screening, Antioxidant, and Anti-Inflammatory Activities of *Dioscorea hispida* (Dennst.) Tuber Extracts and Fractions**

HAFID SYAHPUTRA , MASFRIA

## **Researches**

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2022

Penelitian Unggulan Perguruan Tinggi

### **Uji Toksisitas Dan Standarisasi Simplisia Nanopartikel Buah *Phyllanthus emblica* L**

AMINAH DALIMUNTHE , MASFRIA , HAFID SYAHPUTRA , DEASY FOURQUITA , NURUL SUCI

2019

### **Aktivitas Antinefrolitiasis Ektrak Air Daun Ekor Naga (*Rhaphidophora pinnata* (L.f) Schott**

MARIANNE , YADE METRI PERMATA , MASFRIA

2024

Kerjasama Luar Negeri dan Publikasi Internasional

### **Optimasi dan Formulasi Nanoemulsi Minyak Atsiri Umbi *Cyperus rotundus* L. sebagai Antiinflamasi dan Antidiabetes**

MARIANNE , MASFRIA

2021

Penelitian Dana Lokal Perguruan Tinggi

### **Formulasi dan Evaluasi Sediaan Tablet, Suspensi dan Hidrogel dari Nanopartikel simplisia Buah *Phyllanthus Emblica* L.**

SUMAIYAH , LISDA RIMAYANI NASUTION , MASFRIA , HAFID SYAHPUTRA , JENNIFER , VERENTIO FANI , MARWIN WITARMAN , SILVIA

2017

### **Pemanfaatan sediaan Nano partikel daun ekor naga (*Rhaphidophora pinnata* (L.f) Schott) sebagai Antimutagenik**

SUMAIYAH , AMINAH DALIMUNTHE , MASFRIA

2023

### **Potensi Hidrogel Air Asap Tempurung Kelapa (*Cocos Nucifera*) Terhadap Penyembuhan Luka Model Gangrene Secara Invitro Dan Invivo Serta Skrining Virtual In Silico**

YUSNI ATIFAH , HENNY LUCIDA , MASFRIA

2016

Penelitian Hibah Bersaing

### **Lotion Penolak Nyamuk dari Campuran Minyak Atsiri Daun Kemangi (*Occinum basillicum* L) dan Sari Lidah Buya (*Aloe vera*)**

NAZLINIWATY , MASFRIA

2021  
Penelitian Unggulan Perguruan Tinggi

## **Uji Toksisitas Dan Standarisasi Simplisia Nanopartikel Buah Phylanthus emblica L.**

AMINAH DALIMUNTHE , MASFRIA , HAFID SYAHPUTRA , FARHANI ERSYA , SRI WAHYUNI

2022

Penelitian Kerjasama Antar Perguruan Tinggi

## **KARAKTERISASI HASIL ISOLASI ASAP CAIR DARI TEMPURUNG KELAPA (Cocos nucifera L) DENGAN BERBAGAI GRADE SEBAGAI ANTIBAKTERI DAN ANTIJAMUR**

MASFRIA , HENNY SRI WAHYUNI , HAFID SYAHPUTRA

2016

Hibah HI-LINK

## **Aktivitas Antimutagenik Sediaan Kapsul Nanopartikel Daun Ekor Naga (Rhaphidophora pinnata (L.f) schott) Dengan Metode Mikronukleus**

SUMAIYAH , AMINAH DALIMUNTHE , MASFRIA

2023

Penelitian Kerjasama Antar Perguruan Tinggi

## **POTENSI AIR ASAP TEMPURUNG KELAPA (Cocos nucifera) TERHADAP PENYEMBUHAN LUKA SECARA INVITRO**

YUSNI ATIFAH , HENNY LUCIDA , MASFRIA

2022

Penelitian Kerjasama Antar Perguruan Tinggi

## **KARAKTERISASI HASIL ISOLASI ASAP CAIR DARI TEMPURUNG KELAPA (Cocos nucifera L) DENGAN BERBAGAI GRADE SEBAGAI ANTIBAKTERI DAN ANTIJAMUR**

MASFRIA , HENNY SRI WAHYUNI , HAFID SYAHPUTRA , ELIZABETH , WAHYU RAHMANSYAH , MARCELYNN

2018

## **Aktivitas Analgetik dan Antiinflamasi Ekstrak Etanol Daun Ekor naga (Rhaphidopora pinnata (L.f) Schott) pada Pencegahan Kanker**

SUMAIYAH , MASFRIA

2023

Kerjasama Luar Negeri dan Publikasi Internasional

## **Riset Kolaborasi Indonesia**

MASFRIA

2018

## **Aktivitas Antinefrolitiasis Ekstrak Air Daun Ekor naga (Rhaphidophora pinnata (L.f) Schott)**

MARIANNE , YADE METRI PERMATA , MASFRIA

2013

Penelitian Disertasi Doktor

## **AKTIVITAS ANTIKANKER FRAKSI CHLOROFORM DAUN EKOR NAGA (RHAPHIDOPHORA PINNATA L.**

MASFRIA

## **Community Services**

2024

### **Pembentukan Organisasi Kemasyarakatan WANITA PILAR DESA**

RUGAYA , MASFRIA , INDRAYANI

2024

### **Wanita Pilar Desa**

MASFRIA

2018

## **Pemberdayaan Ibu-Ibu Persatuan Orang Tua Murid dan Guru (POMG) Melalui Pembuatan Manisan Herbal Sebagai Jajanan Dalam Meningkatkan Kesehatan dan Pendapatan Ekonomi Keluarga**

SUMAIYAH , AMINAH DALIMUNTHE , MASFRIA

2026

## **Pengurus BKM Asy-syfa**

AMINAH DALIMUNTHE , MASFRIA , EMIL SALIM , HENNY SRI WAHYUNI

2016

## **Pemberdayaan Masyarakat Daerah Sekitar Tempat Pembuangan Akhir Melalui Pembuatan Sabun Cair Aseptik Berbasis Tanaman Herbal Dalam Meningkatkan Kesehatan Masyarakat dan Pendapatan Ekonomi Keluarga**

NAZLINIWATY , SUMAIYAH , MASFRIA

# **Intellectual Property Rights**

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2025

Paten nasional

## **Pembuatan Antimikroba dari Ekstrak Etanol danFraksi Buah Phyllanthus acidus (L) Skeels**

MASFRIA

2025

Paten nasional

## **SABUN CUCI TANGAN DARI ASAP CAIR TEMPURUNG KELAPA (Cocos nucifera L.)**

AGNES VALENCIA , CLARISSA HENRY , HAFID SYAHPUTRA , MASFRIA

2025

Paten nasional

## **Ekstran n-Heksana Umbi Bawang Dayak (Eleutherine palmifolia (L.) Merr) sebagai Anti Jamur**

MASFRIA

2025

Paten nasional

## **Proses Pembuatan Plester dari Fraksi Etilasetat daun Zingiber officinale Rosc. Var. Rubrum Sebagai Antibakteri terhadap Staphylococcus aureus dan Pseudomonas aeruginosa**

MASFRIA , BUNGA RIMTA BARUS

2025

Paten nasional

## **Sediaan Ekstra Etanol dan Fraksi Etilasetat Buah Eriobotrya japonica (Thunb) Linda) Memiliki Aktivitas Antikolesterol**

HAFID SYAHPUTRA , MASFRIA

2025

Paten nasional

## **Proses Pembuatan Nanopartikel Perak secara Kimia**

IDA MUKHLISA , HAFID SYAHPUTRA , SUMAIYAH , MASFRIA

2025

Hak cipta nasional

## **KHASIAT & MANFAAT TANAMAN EKOR NAGA (Rhaphidophora pinnata L.f.) Schott**

HAFID SYAHPUTRA , MASFRIA

2025

Paten nasional

## **Pembuatan Antimikroba dari Ekstrak Etanol danFraksi Buah Phyllanthus acidus (L) Skeels**

MASFRIA

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2025

Paten nasional

## **NANOPARTIKEL DAUN TUMBUHAN EKOR NAGA (Rhaphidophora pinnata (L.f) Schott)SEBAGAI DIURETIKA**

YADE METRI PERMATA , MARIANNE , MASFRIA , SRI MULYANI , STEVEN OCTAVIO

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2025

Paten nasional

## **Proses pembuatan nanopartikel perak menggunakan biorekduktor ekstrak etanol buah phyllanthus emblica L. sebagai antimikroba**

HAFID SYAHPUTRA , SUMAIYAH , MASFRIA

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2025

Paten nasional

## **PEMBUATAN PLESTER DARI EKSTRAK ETANOL DAN FRAKSI ZINGIBER OFFICINALE ROSC. VAR. RUBRUM FOLIUM DAN UJI ANTIBAKTERI STAPHYLOCOCCUS AUREUS DAN PSEUDOMONAS AUROGINOSA**

BUNGA RIMTA BARUS , MASFRIA

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2025

Paten nasional

## **EKSTRAK DAUN EKOR NAGA (Rhaphidophora pinnata (L.F) SCHOTT) SEBAGAI OBAT ANTIKANKER TERHADAP SEL MCF-7**

MASFRIA

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2025

Paten nasional

## **Pembuatan Antimikroba dari Ekstrak Etanol danFraksi Buah Phyllanthus acidus (L) Skeels**

MASFRIA

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