



NURULFAZLINA
EDAYAH BINTI
RASOL

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Top Skills :

MASS SPECTROMETRY,
CHROMATOGRAPHY,

9

🔍 Research

23

📄 Publication

6

👥 Supervision

1

👉 Consultation

PERSONAL DETAIL

📍 Designation : DR.

📍 Permanent Position : PENSYARAH KANAN

📍 Current Department : ATTA-UR-RAHMAN INS.FOR
NAT.PROD.D'COVERY

📍 Permanent Department : FAKULTI SAINS GUNAAN

📍 UiTM Service Start Date : 07-AUG-20

📍 Qualification :
> DOCTOR OF PHILOSOPHY (SCIENCE) (PHD), UNIVERSITI
TEKNOLOGI MARA (UITM)
> SARJANA SAINS (PENYELIDIKAN) (SARJANA (MASTER)),
UNIVERSITI TEKNOLOGI MARA (UITM)
> SARJANA MUDA SAINS (KEPUJIAN) (KIMIA GUNAAN) KELAS
PERTAMA (IJAZAH SARJANA MUDA (KEPUJIAN)), UNIVERSITI
TEKNOLOGI MARA (UITM)

FIELD

📍 Division of Expertise : NATURAL SCIENCE

📍 Category of Expertise : CHEMICAL SCIENCES

📍 Group of Expertise : ORGANIC CHEMISTRY

📍 Area of Expertise : NATURAL PRODUCTS CHEMISTRY

📍 Research Nexus UiTM (ReNeU) : HEALTH & WELLNESS (HW)

A. RESEARCH



INTERNATIONAL

(Title), (Duration), (Source), (Role), (Cost), (Status)



Investigation Of Alkaloid Containing Plants Of The Unique Limestone Forest Of Tuba Island Langkawi Malaysia, 2022 - 2024, Other Grants (OTHER GRANTS), Principal Investigator, RM 17,312.00, Active

Investigation Of Alkaloid Containing Plants Of The Unique Limestone Forest Of Tuba Island Langkawi Malaysia, 2022 - 2024, Other Grants (OTHER GRANTS), Project Member, RM 17,312.00, Active

NATIONAL

(Title), (Duration), (Source), (Role), (Cost), (Status)



Metabolites Of Underutilised Fruit-based Functional Food And Pathways Analysis In Obese Rat Model, 2022 - 2024, Dana Ducs (DANA DUCS), Project Member, RM 100,000.00, Active

Anti-obesity Activities Of Syzygium Claviflorum Fruit Extracts: In Vitro And In Vivo Studies, 2022 - 2024, Dana Ducs (DANA DUCS), Project Member, RM 100,000.00, Active

Formulation Development Of Cream And Gel From Polygonum Minus And Its In Vitro And Ex Vivo Comparative Assessment For Topical Application, 2022 - 2024, Dana Ducs (DANA DUCS), Project Member, RM 50,000.00, Active

Chemical Profiling And Mass Guided Isolation Strategy Of Purinium Alkaloids From Limestone Species Heterostemma Piperifolium, 2021 - 2023, Myra Research Grant (GPM), Principal Investigator, RM 20,000.00, Active

Herb-metabolism Catalytic Biotransformation Model By Cytochrome P450 3a4 Enzyme Through In-silico Studies, Multivariate Analysis, And Molecular Dynamics Simulation , 2021 - 2023, Young Talent Researcher (YTR), Project Member, RM 50,000.00, Active

New Dihydrofolate Reductase Inhibitors From Wrightia Dubia, Wrightia Pubescens And Heterostemma Piperifolium Using Integrated Molecular Docking And Dereplication Approach, 2021 - 2023, Myra Research Grant (GPM), Project Member, RM 60,000.00, Active

Anti Diabetic And Wound Healing Activities Of Extreme Ii In Rats, 2020 - 2022, Other Grants (OTHER GRANTS), Project Member, RM 30,000.00, Active

B. PUBLICATION



INDEXED PUBLICATION

(Title), (Year), (Type), (Volume), (Issue), (Page Number)



The Antibacterial Effect Of *Plectranthus Scutellarioides* (L.) R. Br. Leaves Extract Against Bacteria Associated With Peri-implantitis, 2022, JOURNAL, 12, N/A, 556 - 566

Chemical Constituents Of The Leaves Of *Actinodaphne Pruinosa*, 2022, JOURNAL, 36, 4, 963 - 969

Lepiginosides A-d: Three New Triterpenoid Saponins And A New Farnesyl Glycoside From The Stembarks Of *Lepisanthes Rubiginosa* (roxb.) Leenh, 2022, JOURNAL, N/A, N/A, 1 - 6

Chemical Constituents From *Diospyros Argentea* Griff. (ebenaceae), 2022, JOURNAL, 10, 2, 57 - 61

Acute Oral Toxicity Study Of Root Methanol Extract Of *Goniothalamus Lanceolatus* Miq. And Its Isolated Bioactive Compound (parvistone D) In Murine Model, 2022, JOURNAL, 51, 2, 77 - 86

Metabolites Profiling And Fingerprinting Of The Ethanolic Extract Of *Zingiber Zerumbet* (L.) Roscoe Ex Sm., 2022, JOURNAL, 10, 1, 97 - 107

Dereplication Of A Dichloromethane Extract Of *Goniothalamus Lanceolatus* Leaves Using UHPLC-ESI-ORBITRAP HRMS, 2021, JOURNAL, 23, 4, 103 - 114

Phytochemistry And Pharmacological Activities Of *Lepisanthes* Genus: A Review, 2021, JOURNAL, 5, 6, 994 - 1005

In Vitro Antiplasmodial And Cytotoxicity Activities Of Crude Extracts And Major Compounds From *Goniothalamus Lanceolatus*, 2020, JOURNAL, 254, 112657, 1 - 5

Goniolanceolatin A-h, Cytotoxic Bis-styryllactones From *Goniothalamus Lanceolatus*, 2019, JOURNAL, 82, 9, 2430 - 2442

Subchronic Toxicity, Immunoregulation And Anti-breast Tumor Effect Of Nordamnacantal, An Anthraquinone Extracted From The Stems Of *Morinda Citrifolia* L., 2018, JOURNAL, 18, 1, 31 - N/A

OTHER PUBLICATIONS

(Title), (Year), (Type), (Volume), (Issue), (Page Number)



Isolation And Purification Of *Piper Sarmentosum* Using Recycling High-performance Liquid Chromatography (rhplc), 2022, PROCEEDING, 17, N/A, 1 - 1

Chemical Profiling Of *Ficus Superba* Using UHPLC And LCMS, 2022, PROCEEDING, 17, N/A, 12 - 12

Isolation And Purification Of *Gnetum Leptostachyum* Using Recycling High Performance Liquid Chromatography (rhplc), 2022, PROCEEDING, 17, N/A, 13 - 13

Chemical Profiling Of *Vitex Rotundifolia* L.f. (Lamiaceae) Using Dereplication Strategy, 2021, PROCEEDING, 12, N/A, 10 - 14

Purinium Alkaloid From The *Heterostemma Piperifolium*, A Limestone Plant Species, 2021, PROCEEDING, N/A, N/A, 126 - 126

OTHER PUBLICATIONS

(Title), (Year), (Type), (Volume), (Issue), (Page Number)



In Vitro And In Vivo Antiplasmodial Activities Of Extracts From Goniiothalamus Lanceolatus Against Plasmodium Falciparum And Plasmodium Berghei, 2021, PROCEEDING, N/A, N/A, N/A - N/A

Chemical Profiling Of Gnetum Leptostachyum Fruit Extract Using High Resolution Lcms, 2021, PROCEEDING, N/A, N/A, 128 - N/A

Mass-based Identification Of Lepisanthes Rubiginosa Extracts (sapindaceae), 2021, PROCEEDING, N/A, N/A, 130 - N/A

Goniolanceolatin A-h, New Bis-styryllactones From Goniiothalamus Lanceolatus, 2021, PROCEEDING, N/A, N/A, 135 - N/A

Dereplication Of Leaves Dichloromethane Extract In Goniiothalamus Lanceolatus Using UHPLC-ESI-ORBITRAP HRMS, 2021, PROCEEDING, N/A, N/A, 138 - N/A

Isolation And Identification Of Bioactive Compounds From Aerial Parts Of Schouwia Purpurea, 2021, PROCEEDING, N/A, N/A, 150 - N/A

Styryl Lactones From Roots And Barks Goniiothalamus Lanceolatus, 2018, JOURNAL, 13, 12, 1575 - 1578

C. SUPERVISION



ONGOING

(Title), (Role), (Name of Candidates), (Academic Session), (Level)



Metabolites Of Underutilised Fruit, Main Supervisor, Syahadatul Bazlah Binti Subana, SESI 1 2022/2023, MASTERS

Supercritical Fluid Extraction (SFE) And Conventional Maceration For The Isolation In Anisoptera Laevis (Dipterocarpaceae), Co-Supervisor, Noorazlina Binti Adnan, SESI 1 2021/2022, PHD

Structure-based Molecular Networking And In Silico Molecular Docking For The Targeted Isolation Of Anti-dengue Constituents From Brucea Javanica (L.) Merr. Leaves, Co-Supervisor, Anis Irfan Binti Norazhar, SESI 2 2021/2022, PHD

Isolation And Structure Elucidation Of Bioactive Compounds From Piper Sarmentosum, Co-Supervisor, Nursabrina Najwa Binti Salmin, SESI 2 2020/2021, MASTERS

Phytochemical Study Of Sabah Rare Species Rennellia Borneensis Baill., Co-Supervisor, Nur Afiqah Nadhiah Binti Ammar Rushdan, SESI 1 2020/2021, MASTERS

Synthesis Of Soritin Derivatives As Potential Dengue Inhibitor, Co-Supervisor, Nurul Alam Inayatsyah Binti Saifuddin, SESI 2 2020/2021, MASTERS

D. CONSULTATION



CONSULTATION

(Title), (Duration), (Role), (Type), (Cost), (Status)



Natural Product Identification By Mass Spectroscopy (beginner, 2022 - 2022, MEMBER, Seminar / Conference, RM 12,200.00, APPOINTED

Note : The display is based on the latest 5 years information.