



DR. RAHAYU BINTI AHMAD

PENSYARAH UNIVERSITI DS13

CONTACT

Phone: 06798012

E-mail:

rahayu@usim.edu.my

Faculty: Kolej Permata Insan

SUPERVISION

PhD - Completed: 0, Ongoing: 0

Master - Completed: 1, Ongoing: 0

AREAS OF EXPERTISE

Other Industrial And Environmental Biotechnology

Other Food Biotechnology

Other Microbiology

Fermentation Technology

Biotechnology

ACADEMIC QUALIFICATION

PhD in Microbiologi (2017)

Master in Bioteknologi (2011)

Bachelor in Bioteknologi (2006)

RESEARCH

1. SYNTHESIS OF CU EMBEDDED MAGNETIC HYDROCHAR NANOCOMPOSITE DERIVED FROM COCONUT HUSK FOR CATALYTIC DEGRADATION OF ORGANIC POLLUTANT

2024

GERAN PENYELIDIKAN USIM

ON GOING

CO-RESEARCHER

2. MOLECULAR DESIGN AND EXTENSIVE STRUCTURE-ACTIVITY RELATIONSHIP (SAR) STUDIES OF α -CARBOLINE ANALOGUE AS ANTIMICROBIAL THERAPEUTIC AGENT

2022

GERAN SEPADAN AGENSI KERAJAAN

ON GOING

MAIN

RESEARCHER

3. PEMBANGUNAN MODEL KURIKULUM PENDIDIKAN PINTAR BERBAKAT INTEGRASI ILMU NAQLI AQLI (IGED)

2021

GERAN PENYELIDIKAN KHAS

ON GOING

CO-RESEARCHER

4. PENEROKAAN POTENSI KOMPONEN FLORISTIK DAN FAUNASTIK DI KAMPUS USIM, NILAI: KE ARAH KAMPUS HIJAU YANG LESTARI

2020

GERAN PENYELIDIKAN USIM RACER

COMPLETED

CO-

RESEARCHER

5. ANTIMICROBIAL, ANTIFUNGAL, ANTIOXIDANT AND ANTICANCER OF BETA-GLUCAN FROM α -CENDAWAN BUSUT? (TERMITOMYCES SP.) LOCALLY ISOLATED IN NEGERI SEMBILAN: A QUAD FUNCTIONAL NATURAL BIOACTIVE COMPOUND.

2019

GERAN PENYELIDIKAN USIM

ON GOING

MAIN RESEARCHER

RESEARCH

6. ADSORPTIVE SEPARATION UTILIZING SURFACE-MODIFIED CLINOPTILOLITE AND ACID-TREATED CLINOPTILOLITE IN TREATING PALM OIL MILL EFFLUENT (POME)

2019 GERAN PENYELIDIKAN USIM COMPLETED CO-RESEARCHER

PUBLICATION

1. SCREENING OF ACTIVE COMPOUNDS OF BAECKEA FRUTESCENS USING ATTENUATED TOTAL REFLECTANCE-FOURIER TRANSFORM INFRARED SPECTROSCOPY (ATR-FTIR) AND ITS SAPONIFICATION PROCESS

MALAYSIAN JOURNAL OF CHEMISTRY (MJCHEM)

2024 JOURNAL SCOPUS CO-AUTHOR

2. MUSHROOM OILS: A REVIEW OF THEIR PRODUCTION, COMPOSITION, AND POTENTIAL APPLICATIONS

HELIYON

2024 JOURNAL WOS CO-AUTHOR

3. OPTIMIZATION OF EXTRACTION TEMPERATURE AND TIME FOR CARBOHYDRATE CONTENT, DPPH SCAVENGING ACTIVITY AND FLAVONOID CONTENT OF SHIITAKE MUSHROOM (LENTINUS EDODES) USING RESPONSE SURFACE METHODOLOGY (RSM)

SCIENCE AND TECHNOLOGY GRADUATES COLLOQUIUM (KOSIST)

2024 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

4. OPTIMIZATION OF EXTRACTION TEMPERATURE AND TIME FOR ANTIOXIDANT LENTINUS EDODES USING RESPONSE SURFACE METHODOLOGY (RSM)

SCIENCE AND TECHNOLOGY GRADUATES COLLOQUIUM

2024 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

5. EVALUATING BIOACTIVE POLYSACCHARIDES IN MARKETED MUSHROOMS: TOWARDS NATURAL ALTERNATIVES TO SYNTHETIC DRUG

SCIENCE AND TECHNOLOGY GRADUATES COLLOQUIUM (KOSIST)

2024 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

6. STUDY ON PHYTOCHEMICALS AND ANTIOXIDANTS OF PLEUROTUS SP. CULTIVATED THROUGH SUBMERGED FERMENTATION

SCIENCE AND TECHNOLOGY GRADUATE COLLOQUIUM (KOSIST)

2024 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

7. EVALUATION OF ANTIOXIDANT AND PHYTOCHEMICAL PROPERTIES OF PLEUROTUS SP. MUSHROOM MYCELIUM

SCIENCE AND TECHNOLOGY GRADUATES COLLOQUIUM (KOSIST)

2024 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

8. ENHANCING BIOMASS-EXOPOLYSACCHARIDES PRODUCTION OF LIGNOSUS RHINOCERUS IN A HIGH-SCALE STIRRED-TANK BIOREACTOR AND ITS POTENTIAL LIPID AS BIOENERGY ENERGIES

2023 JOURNAL ERA MAIN AUTHOR

9. FUNCTIONAL GROUP AND PHYTOCHEMICAL PROPERTIES DETECTION OF PEPEROMIA PELLUCIDA LEAVES EXTRACT

ASIAN JOURNAL OF FUNDAMENTAL AND APPLIED SCIENCES

2023 JOURNAL MYCITE CORRESPONDING AUTHOR

10. EVALUATION OF PHYTOCHEMICALS AND ANTIOXIDANT ANALYSIS OF NEPETA CATARIA (CATNIP) LEAVES EXTRACTS

4TH INTERNATIONAL CONFERENCE ON RECENT ADVANCEMENTS IN SCIENCE AND TECHNOLOGY (ICORAST 2023)

2023 PROCEEDING MYCITE CORRESPONDING AUTHOR

11. AN ENVIRONMENTAL MICROBIOLOGY CLASSROOM FOR HYGIENIC AWARENESS AMONG HIGH SCHOOL STUDENTS

4TH INTERNATIONAL CONFERENCE ON RECENT ADVANCEMENTS IN SCIENCE AND TECHNOLOGY (ICORAST 2023)

2023 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

12. ASSESSING γ -CARBOLINE ANALOGUES AS ANTIBIOTIC AGENT USING IN VITRO STUDIES

4TH INTERNATIONAL CONFERENCE ON RECENT ADVANCEMENTS IN SCIENCE AND TECHNOLOGY (ICORAST 2023)

2023 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

13. BIODEGRADATION ANALYSIS OF METHYL ORANGE BY GANODERMA LUCIDUM USING UV-VIS SPECTROPHOTOMETRY

4TH INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE 2023 (IJURECON 2023)

2023 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

PUBLICATION

14. DETERMINATION OF ANTIOXIDANTS COMPOUNDS FROM PANGIUM EDULE

4TH INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE 2023 (IJURECON 2023)

2023 PROCEEDING NON-INDEX CO-AUTHOR

15. DETERMINATION OF FUNCTIONAL GROUPS AND PHYTOCHEMICAL PROPERTIES OF VARIOUS CRUDE EXTRACT FROM PEPEROMIA PELLUCIDA

4TH INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE 2023 (IJURECON 2023)

2023 PROCEEDING NON-INDEX CO-AUTHOR

16. FUNCTIONAL GROUP DETERMINATION OF NEPTUNIA OLERACEA KNOWN AS MALAYSIAN WATER MIMOSA (PUCUK SETANGKI) USING FOURIER-TRANSFORM INFRARED

4TH INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE 2023 (IJURECON 2023)

2023 PROCEEDING NON-INDEX CO-AUTHOR

17. DETERMINATION OF FUNCTIONAL GROUPS AND PHYTOCHEMICAL PROPERTIES OF VARIOUS CRUDE EXTRACT FROM PEPEROMIA PELLUCIDA LEAVES

INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE (IJURECON 2023)

2023 PROCEEDING NON-INDEX CO-AUTHOR

18. DETERMINATION OF ANTIOXIDANTS COMPOUNDS FROM PANGIUM EDULE

INSAN INTERNATIONAL JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE (IJURECON 2023)

2023 PROCEEDING NON-INDEX CO-AUTHOR

19. MUSLIM GIFTED AND TALENTED CURRICULUM: A DESIGN OF FRAMEWORK

INTERNATIONAL JOURNAL OF ACADEMIC RESEARCH IN PROGRESSIVE EDUCATION AND DEVELOPMENT

2022 JOURNAL ERA CO-AUTHOR

20. FUNCTIONAL GROUPS? CHARACTERIZATION OF OIL FROM BAECKEA FRUTESCENS USING ATTENUATED TOTAL REFLECTANCE-FOURIER TRANSFORM INFRARED SPECTROSCOPY (ATR-FTIR)

3RD INSAN JUNIOR RESEARCHER INTERNATIONAL CONFERENCE 2022

2022 PROCEEDING NON-INDEX CO-AUTHOR

21. CHARACTERIZATION OF ACTIVE COMPOUNDS OF PEPPEROMIA PELLUCIDA'S OIL USING GAS CHROMATOGRAPHY-MASS SPECTROMETRY (GC-MS)

3RD INSAN JUNIOR RESEARCHER INTERNATIONAL CONFERENCE (IJURECON 2022)

2022 PROCEEDING NON-INDEX CO-AUTHOR

22. PHYTOCHEMICAL SCREENING AND FTIR SPECTROSCOPY ON CRUDE EXTRACT OF PEPPEROMIA PELLUCIDA LEAVES

5TH INTERNATIONAL CONFERENCE ON MOLECULAR BIOLOGY AND BIOTECHNOLOGY 2022 (ICMBB 2022)

2022 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

23. E-PROCEEDINGS, 3RD INSAN JUNIOR RESEARCHER INTERNATIONAL CONFERENCE 2022

2022 BOOK CHIEF EDITOR

24. MODUL PENGAJARAN DAN PEMBELAJARAN SERTA PENTAKSIRAN BERSEPADU KURIKULUM PENDIDIKAN PINTAR BERBAKAT, INTEGRASI NAQLI DAN AQLI (IGED), TAHAP 2 HAMZAH

2022 BOOK EDITOR

25. MODUL PENGAJARAN DAN PEMBELAJARAN SERTA PENTAKSIRAN BERSEPADU KURIKULUM PENDIDIKAN PINTAR BERBAKAT, INTEGRASI NAQLI DAN AQLI (IGED), TAHAP 2

2022 BOOK EDITOR

26. MODUL PENGAJARAN DAN PEMBELAJARAN SERTA PENTAKSIRAN BERSEPADU KURIKULUM PENDIDIKAN PINTAR BERBAKAT, INTEGRASI NAQLI DAN AQLI (IGED), TAHAP 1 ALI

2022 BOOK EDITOR

PUBLICATION

27. MODUL PENGAJARAN DAN PEMBELAJARAN SERTA PENTAKSIRAN BERSEPADU KURIKULUM PENDIDIKAN PINTAR BERBAKAT, INTEGRASI NAQLI DAN AQLI (IGED), TAHAP 1

2022 BOOK EDITOR

28. MODUL PENGAJARAN DAN PEMBELAJARAN SERTA PENTAKSIRAN BERSEPADU KURIKULUM PENDIDIKAN PINTAR BERBAKAT, INTEGRASI NAQLI DAN AQLI (IGED), ASAS 2

2022 BOOK EDITOR

29. MODUL PENGAJARAN DAN PEMBELAJARAN SERTA PENTAKSIRAN BERSEPADU KURIKULUM PENDIDIKAN PINTAR BERBAKAT, INTEGRASI NAQLI DAN AQLI (IGED), ASAS 1

2022 BOOK EDITOR

30. KIMIA

MODUL PENGAJARAN DAN PEMBELAJARAN SERTA PENTAKSIRAN BERSEPADU KURIKULUM PENDIDIKAN PINTAR BERBAKAT, INTEGRASI NAQLI DAN AQLI (IGED), TAHAP 1 ALI

2022 CHAPTER IN BOOK MAIN AUTHOR

31. KIMIA-DR RAHAYU AHMAD

MODUL PENGAJARAN DAN PEMBELAJARAN SERTA PENTAKSIRAN BERSEPADU KURIKULUM PENDIDIKAN PINTAR BERBAKAT, INTEGRASI NAQLI DAN AQLI (IGED), TAHAP 2

2022 CHAPTER IN BOOK MAIN AUTHOR

32. KIMIA-DR RAHAYU AHMAD

MODUL PENGAJARAN DAN PEMBELAJARAN SERTA PENTAKSIRAN BERSEPADU KURIKULUM PENDIDIKAN PINTAR BERBAKAT, INTEGRASI NAQLI DAN AQLI (IGED), TAHAP 2 HAMZAH

2022 CHAPTER IN BOOK MAIN AUTHOR

33. POLISI HAL EHWAL AKADEMIK, KOLEJ GENIUS INSAN

2022 POLICY

34. EFFICIENT BIOMASS-ENDOPOLYSACCHARIDE PRODUCTION FROM AN IDENTIFIED WILD-SERBIAN GANODERMA APPLANATUM STRAIN BGS6AP MYCELIUM IN A CONTROLLED SUBMERGED FERMENTATION
BIOCATALYSIS AND AGRICULTURAL BIOTECHNOLOGY

2021 JOURNAL SCOPUS MAIN AUTHOR / CONTACT PERSON IN USIM

35. ISOLATION, IDENTIFICATION, CULTIVATION AND DETERMINATION OF ANTIMICROBIAL β -GLUCAN FROM A WILD-TERMITE MUSHROOM TERMITOMYCES HEIMII RFES 230662
BIOCATALYSIS AND AGRICULTURE BIOTECHNOLOGY

2021 JOURNAL WOS CORRESPONDING AUTHOR

36. ANALYSIS OF ANTIOXIDANT COMPOUNDS AND ANTIMICROBIAL ACTIVITIES OF HYGIENIC TRAVEL SOAP FROM DABAI FRUITS OIL

INTERNATIONAL CONFERENCE ON RESEARCH AND PRACTICES IN SCIENCE, TECHNOLOGY AND SOCIAL SCIENCES 2021

2021 PROCEEDING NON-INDEX CO-AUTHOR

37. FACILE SYNTHESIS AND CHARACTERIZATION OF THIN MESOPOROUS SILICA/GOLD FILM NANOCOMPOSITES ON ANODIZED ALUMINIUM OXIDE/GLASS SUBSTRATE

INTERNATIONAL CONFERENCE ON RESEARCH AND PRACTICES IN SCIENCE, TECHNOLOGY AND SOCIAL SCIENCES 2021

2021 PROCEEDING NON-INDEX CO-AUTHOR

38. DETERMINATION OF PHENOLIC COMPOUNDS FROM TABEBUIA ROSEA (USIM SAKURA) TREES EXTRACTED OIL USING FOURIER-TRANSFORM INFRARED SPECTROSCOPY

INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE 2021 (IJURECON 2021)

2021 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

39. OPTIMIZATION OF EXTRACTION TEMPERATURE AND TIME FOR ANTIOXIDANT OF LENTINUS EDODES MUSHROOM USING RESPONSE SURFACE METHODOLOGY (RSM)

INTERNATIONAL CONFERENCE ON RESEARCH AND PRACTICES IN SCIENCE, TECHNOLOGY AND SOCIAL SCIENCES 2021

2021 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

PUBLICATION

40. IN-DEPTH SPECTRAL CHARACTERIZATION OF ANTIOXIDATIVE (1,3)-BETA-GLUCAN FROM THE MYCELIUM OF AN IDENTIFIED TIGER MILK MUSHROOM LIGNOSUS RHINOCERUS STRAIN ABI IN A STIRRED-TANK BIOREACTOR
BIOCATALYSIS AND AGRICULTURAL BIOTECHNOLOGY

2020 JOURNAL SCOPUS CO-AUTHOR

41. PELLET DIAMETER OF GANODERMA LUCIDUM IN A REPEATED-BATCH FERMENTATION FOR THE TRIO TOTAL PRODUCTION OF BIOMASSEXOPOLYSACCHARIDE-ENDOPOLYSACCHARIDE AND ITS ANTI-ORAL CANCER BETA-GLUCAN RESPONSE.

AIMS MICROBIOLOGY

2020 JOURNAL WOS MAIN AUTHOR

42. HYGIENIC TRAVEL SOAP FROM DABAI FRUITS OIL

CREATIONS DE UITM 2020

2020 PROCEEDING NON-INDEX MAIN AUTHOR

43. ISTIHALAH: WHITE WINE CATALYST

CREATIONS DE UITM 2020

2020 PROCEEDING NON-INDEX CO-AUTHOR

44. INVESTIGATION ON POTENTIAL OF GREEN AREA FOR ESTABLISHMENT OF FOREST IN UNIVERSITY CAMPUS

INTERNATIONAL FOREST JUNIOR COMPETITION 202

2020 PROCEEDING NON-INDEX CO-AUTHOR

45. EXTRACTION AND DETERMINATION OF BIOACTIVE COMPOUNDS FROM PREMNA FOETIDA LEAVES

INSAN INTERNATIONAL JUNIOR RESEARCHER (IJURECON 2020)

2020 PROCEEDING NON-INDEX CO-AUTHOR

46. DIVERSITY OF SEA SHORE INVERTEBRATES AT WEST COAST PENINSULAR MALAYSIA

INSAN INTERNATIONAL JUNIOR RESEARCHER CONFERENCE (IJURECON2020)

2020 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

47. EXTRACTION AND ANTIMICROBIAL PROPERTIES OF POLYSACCHARIDE FROM PLEUROTUS ERYNGII

INSAN INTERNATIONAL JUNIOR RESEARCHER CONFERENCE (IJURECON2020)

2020 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

48. DETERMINATION OF POLYSACCHARIDE FROM ?CENDAWAN BUSUT? CRUDE WATER EXTRACT

INSAN INTERNATIONAL JUNIOR RESEARCHER CONFERENCE (IJURECON2020)

2020 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

49. ISOLATION AND PRODUCTION OF POLYSACCHARIDE FROM LOCALLY ISOLATED TERMITOMYCES SP. MUSHROOM

KOSIST 2020 POSTGRADUATE SEMINAR FACULTY OF SCIENCE AND TECHNOLOGY

2020 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

50. SCHOOL-SCALE MICROBE BIOREACTOR KIT: INTRODUCING FERMENTATION TECHNOLOGY TO THE SECONDARY SCHOOLS

INSAN INTERNATIONAL JUNIOR RESEARCHER CONFERENCE (IJURECON2020)

2020 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

51. SCHOOL-SCALE MICROBE BIOREACTOR KIT: INTRODUCING FERMENTATION TECHNOLOGY TO THE SECONDARY SCHOOLS

SEMINAR KEBANGSAAN MAJLIS DEKAN PENDIDIKAN UNIVERSITI AWAM MALAYSIA, MEDC 2020

2020 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

52. PELLET DIAMETER AND MORPHOLOGY OF EUROPEAN GANODERMA PFEIFFERI IN A REPEATED-BATCH FERMENTATION FOR EXOPOLYSACCHARIDE PRODUCTION

BIOCATALYSIS AND AGRICULTURAL BIOTECHNOLOGY

2019 JOURNAL SCOPUS CO-AUTHOR

PUBLICATION

53. OPTIMISATION OF BIOMASS, EXOPOLYSACCHARIDE AND INTRACELLULAR POLYSACCHARIDE PRODUCTION FROM THE MYCELIUM OF AN IDENTIFIED GANODERMA LUCIDUM STRAIN QRS 5120 USING RESPONSE SURFACE METHODOLOGY (RSM)

AIMS MICROBIOLOGY

2019

JOURNAL

WOS

CO-AUTHOR

54. HYGIENIC TRAVEL SOAP FROM DABAI FRUITS OIL

MELAKA INTERNATIONAL INTELLECTUAL EXPOSITION. WORLD CONFERENCE AND EXHIBITION ON SOCIAL SCIENCES, SCIENCE & TECHNOLOGY

2019

PROCEEDING

NON-INDEX

MAIN AUTHOR

55. BETA GLUCAN FROM THE MYCELIUM OF MALAYSIAN MEDICINAL MUSHROOM GANODERMA LUCIDUM AND THEIR ANTIMICROBIAL ACTIVITIES: A POTENTIAL FUNCTIONAL FOOD MATERIAL

2ND INTERNATIONAL FOOD RESEARCH CONFERENCE 2019

2019

PROCEEDING

NON-INDEX

CO-AUTHOR

56. POLISI PECUTAN SIJIL PELAJARAN MALAYSIA

2019

POLICY

57. POLISI INSAN JUNIOR SCHOOL CERTIFICATE (IJSC)

2019

POLICY

58. FRUITING-BODY-BASE FLOUR FROM AN OYSTER MUSHROOM?A WASTE SOURCE OF ANTIOXIDATIVE FLOUR FOR DEVELOPING POTENTIAL FUNCTIONAL COOKIES AND STEAMED-BUN

AIMS AGRICULTURE AND FOOD

2018

JOURNAL

WOS

CO-AUTHOR

59. INCORPORATION OF PALM OIL FOR THE ENHANCEMENT OF BIOMASS AND POLYSACCHARIDE PRODUCTION THROUGH SUBMERGED FERMENTATION FROM LOCALLY ISOLATED PLEUROTUS SP. MYCELIUM

INTERNATIONAL JOURNAL OF ADVANCED RESEARCH (IJAR)

2018

JOURNAL

SSCI

MAIN AUTHOR

60. PRODUCTION OF COPOLYMER POLY(3-HYDROXYBUTYRATE-CO-4-HYDROXYBUTYRATE) THROUGH A ONE-STEP CULTIVATION PROCESS

WORLD JOURNAL OF MICROBIOLOGY AND BIOTECHNOLOGY

2008

JOURNAL

WOS

MAIN AUTHOR

CONSULTATION

1. KAJIAN POPULASI SPESIES ULAR SAWA DAN BIAWAK AIR DI NEGERI PERAK

MINISTRY OF ENERGY AND NATURAL RESOURCES (KETSA)

2022

NATIONAL

2. AN IN-VITRO EVALUATION OF LAURIC ACID ISOLATED FROM COCONUT CRUDE OIL ON INHIBITING THE GROWTH OF SELECTED MICROORGANISM IN HUMAN SALIVA

MANIPAL INTERNATIONAL UNIVERSITY

2020

NATIONAL

3. KOLABORASI PENYELIDIKAN ANTARA MRSM KUALA KLANG DAN KOLEJ GENIUS INSAN

KEMENTERIAN PENDIDIKAN MALAYSIA

2019

NATIONAL

4. PRODUCTION OF BIOACTIVE ENDO AND EXOPOLYSACCHARIDE FROM MALAYSIAN TIGER MILK MUSHROOMS

UNIVERSITY MALAYA, AGROBIOTECHNOLOGY INSTITUTE MALAYSIA (ABI), NATIONAL INSTITUTE OF BIOTECHNOLOGY MALAYSIA (NIBM), AGENSI NUKLEAR MALAYSIA, KOLEJ GENIUS INSAN, USIM.

2018

NATIONAL

5. PRODUCTION OF BIOACTIVE ENDO AND EXOPOLYSACCHARIDE FROM MALAYSIAN TIGER MILK MUSHROOM

KEMENTERIAN PENDIDIKAN MALAYSIA

2018

NATIONAL

AWARDS/RECOGNITION

1. ANUGERAH INOVASI TERBAIK OKTOBER 2024

2024 UNIVERSITY

2. ANUGERAH INOVASI TERBAIK SEPTEMBER 2024

2024 UNIVERSITY

3. ANUGERAH PENULIS JURNAL CEMERLANG MEI 2024

2024 UNIVERSITY

4. ANUGERAH PENULIS JURNAL CEMERLANG JUN 2024

2024 UNIVERSITY

5. ANUGERAH PENULIS JURNAL CEMERLANG OKTOBER 2024

2024 UNIVERSITY

6. TEMPAT KETIGA PERTANDINGAN ANYAMAN KETUPAT

2024 UNIVERSITY

7. ANUGERAH PENILAI JURNAL/GERAN/BUKU/PROSIDING BERKUALITI

2024 UNIVERSITY

8. ANUGERAH INOVASI TERBAIK OGOS 2024

2024 UNIVERSITY

9. ANUGERAH INOVASI TERBAIK OKTOBER 2024

2024 UNIVERSITY

10. NUTRACEUTICALS FROM BUSHLAND: DETERMINATION OF MEDICINAL VALUE OF MALAYSIAN WILD HERBS
SMART INNOVATION COMPETITION 2024 INTERNATIONAL LEVEL

2024 ANTARABANGSA SILVER

11. NUTRACEUTICALS FROM BUSHLAND: DETERMINATION OF MEDICINAL VALUE OF MALAYSIAN WILD HERBS
EAST COAST SCHOOLS EDUCATION RESEARCH SYMPOSIUM (ECSERS) 2024

2024 KEBANGSAAN PLATINUM

12. NUTRACEUTICALS FROM BUSHLAND: DETERMINATION OF MEDICINAL VALUE OF MALAYSIAN WILD HERBS (YOUNG
SCIENTIST)

VIRTUAL INNOVATION COMPETITION 2024

2024 ANTARABANGSA GOLD

13. DEVELOPMENT OF EDUCATIONAL CHEMISTRY CARD GAMES FOR HIGH-SCHOOL STUDENTS: ENHANCING
LEARNING THROUGH PLAY

4TH INNOVATION BANK CHALLENGE 2024 (IBC 2024)

2024 UNIVERSITI GOLD

14. STUDY ON PHYTOCHEMICALS AND ANTIOXIDANTS OF PLEUROTUS SP. CULTIVATED THROUGH SUBMERGED
FERMENTATION

Semarak International Research Article Competition 2024 (SIRAC 2024)

2024 ANTARABANGSA SILVER

AWARDS/RECOGNITION

15. EVALUATION OF ANTIOXIDANT AND PHYTOCHEMICAL PROPERTIES OF PLEUROTUS SP. MUSHROOM MYCELIUM

Semarak International Research Article Competition 2024 (SIRAC 2024)

2024

ANTARABANGSA

SILVER

16. EVALUATING BIOACTIVE POLYSACCHARIDES IN MARKETED MUSHROOMS: TOWARDS NATURAL ALTERNATIVES TO SYNTHETIC DRUG

Semarak International Research Article Competition 2024 (SIRAC 2024)

2024

ANTARABANGSA

SILVER

17. OPTIMIZATION OF EXTRACTION TEMPERATURE AND TIME FOR ANTIOXIDANT LENTINUS EDODES USING RESPONSE SURFACE METHODOLOGY (RSM)

Semarak International Research Article Competition 2024 (SIRAC 2024)

2024

ANTARABANGSA

BRONZE

18. NUTRACEUTICALS FROM BUSHLAND: DETERMINATION OF MEDICINAL VALUE OF MALAYSIAN WILD HERBS FOR HYGENIC TRAVEL SOAP

Semarak International Research Article Competition 2024 (SIRAC 2024)

2024

ANTARABANGSA

SILVER

19. BODY MASS INDEX AND SLEEP DURATION IN BOARDING SCHOOL STUDENTS: A CROSS-SECTIONAL STUDY AT KOLEJ PERMATA INSAN

Insan Junior Researchers International Conference (iJURECON 2023)

2023

ANTARABANGSA

SILVER

20. STAF CONTOH (KATEGORI AKADEMIK) - MAC 2022

2022

OTHERS

21. ANUGERAH TOKOH AKADEMIK CEMERLANG

2022

UNIVERSITY

22. ANUGERAH KHAS HARI GURU

2021

OTHERS

23. ANUGERAH PERKHIDMATAN CEMERLANG 2021

2021

UNIVERSITY

24. SCHOOL SCALE MICROBE BIOREACTOR KIT: INTRODUCING FERMENTATION TECHNOLOGY TO THE SECONDARY SCHOOLS

INTERNATIONAL RESEARCH INVENTION, INNOVATION AND EXHIBITION (I-RIE 2021)

2021

ANTARABANGSA

SILVER

25. BIODEGRADATION OF METHYLENE BLUE DYE BY TRICHODERMA REESERSP.

INTERNATIONAL RESEARCH INVENTION, INNOVATION AND EXHIBITION (I-RIE 2021)

2021

ANTARABANGSA

BRONZE

26. HYGIENE TRAVEL SOAP FROM DABAI FRUITS OIL

INTERNATIONAL RESEARCH INVENTION, INNOVATION AND EXHIBITION (I-RIE 2021)

2021

ANTARABANGSA

GOLD

27. IDENTIFICATION OF ANTIOXIDANT COMPOUNDS OF HYGIENIC TRAVEL SOAP FROM DABAI FRUITS OIL

INTERNATIONAL SHARIAH COMPLIANT IDEA, INVENTION, INNOVATION & DESIGN 2021

2021

ANTARABANGSA

SILVER

28. BIODEGRADATION OF METHYLENE BLUES DYE BY GANODERMA LUCIDUM

INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE (iJURECON2021)

2021

KEBANGSAAN

GOLD

AWARDS/RECOGNITION

29. ANUGERAH GURU PEMBIMBING CEMERLANG

2020

NATIONAL

30. HYGIENIC TRAVEL SOAP FROM DABAI FRUITS OIL

CREATIONS DE UITM, MEGA INNOVATION CARNIVAL

2020

KEBANGSAAN

GOLD

31. ISTIHALAH: WHITE WINE VINEGAR

CREATIONS DE UITM, MEGA INNOVATION CARNIVAL

2020

KEBANGSAAN

BRONZE

32. ANTIOXIDANT TRAVEL SOAP FROM DABAI FRUITS OIL

SEMINAR KEBANGSAAN MAJLIS DEKAN PENDIDIKAN UNIVERSITI AWAM MALAYSIA (MEDC 2020)

2020

KEBANGSAAN

SILVER

33. SCHOOL-SCALE MICROBE BIOREACTOR KIT (SCMBK): INTRODUCING FERMENTATION TECHNOLOGY TO THE SECONDARY SCHOOLS

SEMINAR KEBANGSAAN MAJLIS DEKAN PENDIDIKAN UNIVERSITI AWAM MALAYSIA (MEDC 2020)

2020

KEBANGSAAN

SILVER

34. STAF CONTOH: KATEGORI AKADEMIK

2019

OTHERS

35. HYGIENE TRAVEL SOAP FROM DABAI FRUITSB OIL

MELAKA INTERNATIONAL INTELLECTUAL EXPOSITION

2019

KEBANGSAAN

GOLD