Profile Image

DR. LIYANA AMALINA BINTI ADNAN

PENSYARAH UNIVERSITI DS13

CONTACT

PHONE
06-7980120

E-MAIL
liyanamalina@usim.edu.my

FACULTY
Kolej Permata Insan

SUPERVISION

	COMPLETED	ONGOING
PhD	0	0
Master	0	0

AREAS OF EXPERTISE

- Analytical Environmental Chemistry
- Development Of Traditional And Herbal Medicine (including Traditional Medicine And Natural Product)
- Environmental Microbiology

ACADEMIC QUALIFICATION

2017 **PhD** - Kimia

2012 **Bachelor** - Kimia Industri

RESEARCH

1. **PEMBANGUNAN KESEDARAN, PERKONGSIAN DAN PANDUAN PENDIDIKAN ANAK-ANAK PINTAR BERBAKAT DI RUMAH MELALUI MODUL DAN PENGLIBATAN KOMUNITI DI DAERAH-DAERAH NEGERI SEMBILAN**
   2025 | GERAN PENYELIDIKAN PUSAT TANGGUNGJAWAB (PTJ) | ON GOING | CO-RESEARCHER

2. **ENHANCING LOGICAL REASONING AND IDENTIFYING TALENTS THROUGH GEOMETRY CONTESTS: A STUDY ON UNDERREPRESENTED STUDENTS IN MALAYSIA**
   2025 | GERAN ANTARABANGSA | ON GOING | CO-RESEARCHER

3. **PENGUMPULAN GRAFIK INFO SAINS BAGI MANUSKRIP PERUBATAN MELAYU: KITAB TAYYIB AL-IHSAN FI TIBB AL-INSAN**
   2023 | GERAN PENYELIDIKAN PUSAT TANGGUNGJAWAB (PTJ) | ON GOING | CO-RESEARCHER

4. **REMEDIES IN MALAY MEDICAL MANUSCRIPT MSS2515: ANALYSIS OF COMPOUND AND FUNCTION**
   2023 | GERAN PENYELIDIKAN PUSAT TANGGUNGJAWAB (PTJ) | ON GOING | CO-RESEARCHER

5. **MOLECULAR DESIGN AND EXTENSIVE STRUCTURE-ACTIVITY RELATIONSHIP (SAR) STUDIES OF ?-CARBOLINE ANALOGUE AS ANTIMICROBIAL THERAPEUTIC AGENT**
   2022 | GERAN SEPADAN AGENSI KERAJAAN | ON GOING | CO-RESEARCHER

RESEARCH

6. MAPPING THE TENDENCIES OF SCIENCE AND MEMORIZATION OF THE QURAN AMONG GIFTED AND TALENTED MUSLIMS STUDENTS

2021 | GERAN PENYELIDIKAN KHAS | COMPLETED | CO-RESEARCHER

7. LOW COST 3D PRINTED HONEYCOMB-TERMINALIA CATAPPA FRUIT SHELLS COMPOSITES AS AN ABSORBING MATERIALS IN REDUCING ELECTROMAGNETIC INTERFERENCE POLLUTION

2020 | GERAN PENYELIDIKAN USIM RACER | COMPLETED | CO-RESEARCHER

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

2019 | GERAN PENYELIDIKAN USIM | COMPLETED | CO-RESEARCHER

9. BIODEGRADATION PATHWAY OF NEW EMERGING POLLUTANTS BY NEWLY ISOLATED FUNGI

2018 | GERAN PENYELIDIKAN HEADSTART PROGRAM | COMPLETED | MAIN RESEARCHER

10. COMPOSITION OF FATTY ACID AND BIOMARKER IN COWS AND GOATS' MILK USING GAS CHROMATOGRAPHY (GC/MS) & DNA-BASED ANALYTICAL METHODS FOR MILK AUTHENTICATION OF COW AND GOAT IN MALAYSIA

2018 | GERAN PENYELIDIKAN HEADSTART PROGRAM | COMPLETED | CO-RESEARCHER

11. PEMERKASAAN SAINS ISLAM : PEMBANGUNAN MODUL KEM RAHSIA ALAM

2018 | GERAN PENYELIDIKAN INDUSTRI | COMPLETED | CO-RESEARCHER

PUBLICATION

1. DENTAL DISEASE TREATMENT IN THE TIB MANUSCRIPT MSS2515 VIA HALAL MATERIAL USAGE

JOURNAL OF FATWA MANAGEMENT AND RESEARCH

2025 | JOURNAL | OTHER DATABASE | MAIN AUTHOR

2. RECENT ADVANCES IN METHYLENE BLUE ADSORPTION USING CLINOPTILOLITE: MECHANISMS, MODIFICATIONS, AND FUTURE PERSPECTIVES

IOP CONFERENCE SERIES: EARTH AND ENVIRONMENTAL SCIENCE

2025 | JOURNAL | OTHER DATABASE | MAIN AUTHOR

3. UNVEILING THE DENTAL BENEFITS OF CITRUS HYSTRIX AND LAGENARIA SICERARIA COMPOUNDS THROUGH ATTENUATED TOTAL REFLECTANCE-FOURIER TRANSFORM INFRARED SPECTROSCOPY

6TH INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE & INNOVA- TION 2025 (IJURECON 2025)

2025 | PROCEEDING | NON-INDEX | CO-AUTHOR

4. ANALYZING THE DENTAL APPLICATIONS OF BRUCEA JAVANICA, SOLANUM LASIOCARPUM, AND POTASSIUM ALUM MIXTURE VIA ATTENUATED TOTAL REFLECTANCE-FOURIER TRANSFORM INFRARED SPECTROSCOPY

6TH INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE & INNOVATION 2025 (IJURECON 2025)

2025 | PROCEEDING | NON-INDEX | CO-AUTHOR

PUBLICATION

5. MONITORING THE DECOLOURISATION OF METHYLENE BLUE DYE BY FUNGUS USING UV- VIS SPECTROSCOPY

6TH INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE & INNOVATION 2025 (IJURECON 2025)

2025 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

6. SAPONIFICATION USING EXTRACTED OIL FROM ELETTARIOPSIS CURTISII AND BRUCEA AMARISSIMA

6TH INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE & INNOVATION 2025 (IJURECON 2025)

2025 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

7. SUSTAINABILITY BIOETHANOL PRODUCTION FROM AGRICULTURAL WASTE WITH VALORI- SATION OF FERMENTATION RESIDUES IN MICROBIAL FUEL CELLS

6TH INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE & INNOVATION 2025 (IJURECON 2025)

2025 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

8. CITRUS HYSTRIX AND LAGENARIA SICERARIA: UNVEILING THE DENTAL BENEFITS

6TH INTERNATIONAL CONFERENCE & INNOVATION 2025 (IJURECON 2025)

2025 PROCEEDING OTHER DATABASE CORRESPONDING AUTHOR

9. APPLICATIONS OF BRUCEA JAVANICA, SOLANUM LASIOCARPUM, AND POTASSIUM ALUM MIXTURE USING ATR-FTIR

6TH INTERNATIONAL CONFERENCE & INNOVATION 2025 (IJURECON 2025)

2025 PROCEEDING OTHER DATABASE CORRESPONDING AUTHOR

10. 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 CORRESPONDING AUTHOR

11. DESIGNING LEARNING USING INFOGRAPHIC FROM KITAB TURATH SYLLABUS

JURNAL SAINS INSANI

2024 JOURNAL INDEX BY MYCITE 2019 CO-AUTHOR

12. MALAY MEDICAL MANUSCRIPT OF THE BOOK OF TIB MSS2515: AN ANALYSIS OF SKIN DISEASES TREATMENT

INTERNATIONAL JOURNAL OF RELIGION

2024 JOURNAL OTHER DATABASE CORRESPONDING AUTHOR

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

ASIAN JOURNAL OF FUNDAMENTAL AND APPLIED SCIENCES

2024 JOURNAL OTHER DATABASE CORRESPONDING AUTHOR

14. EFFECT OF NITROGEN SOURCE ON DECOLOURISATION OF METHYL ORANGE BY GANODERMA LUCIDUM

5TH INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE & INNOVATION 2024 (IJURECON 2024)

2024 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

PUBLICATION

15. GAS CHROMATOGRAPHY-MASS SPECTROMETRY PROFILING OF EXTRACTED COMPOUNDS FOR GUM DISEASE TREATMENT: A METHODOLOGICAL APPROACH

IJURECON 2024

2024 PROCEEDING OTHER DATABASE CORRESPONDING AUTHOR

16. HEXANE-ACETONE EXTRACTION TECHNIQUES FOR GAS CHROMATOGRAPHY-MASS SPECTROMETRY

IJURECON 2024

2024 PROCEEDING OTHER DATABASE CORRESPONDING AUTHOR

17. EXTRACTION TECHNIQUES FOR ANALYZING CITRUS HYSTRIX AND LAGENARIA SICERARIA COMPOUNDS FOR GUM DISEASE VIA GAS CHROMATOGRAPHY MASS SPECTROMETRY

IJURECON 2024

2024 PROCEEDING OTHER DATABASE CORRESPONDING AUTHOR

18. BIOACTIVE COMPOUND PROPERTIES OF KAPAL TERBANG PLANT VIA GC-MS ANALYSIS

I-STET 2024

2024 PROCEEDING OTHER DATABASE CORRESPONDING AUTHOR

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

ASIAN JOURNAL OF FUNDAMENTAL AND APPLIED SCIENCES

2023 JOURNAL MYCITE CO-AUTHOR

20. POLYMER FORMULATION USED INCARBON MEMBRANE SYNTHESIS ANDPERFORMANCE EVALUATION

ASIAN JOURNAL OF FUNDAMENTAL AND APPLIED SCIENCES

2023 JOURNAL OTHER DATABASE CO-AUTHOR

21. INSAN GLOBAL REACH: KOLEJ PERMATA INSAN?S STRATEGIC INTERNATIONALISATION PLAN

CREATIVE EDUCATION

2023 JOURNAL ERA CO-AUTHOR

22. ANALYSIS OF BAECKEA FRUTESCENS? ACTIVE COMPOUNDS USING ATTENUATED TOTAL REFLECTANCE-FOURIER TRANSFORM INFRARED SPECTROSCOPY (ATR-FTIR)

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

2023 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

23. 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

24. 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

PUBLICATION

25. 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

26. DETERMINATION OF ANTIOXIDANTS COMPOUNDS FROM PANGIUM EDULE

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

2023 PROCEEDING NON-INDEX CO-AUTHOR

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

VIRTUAL INNOVATION COMPETITION 2023

2023 PROCEEDING NON-INDEX MAIN AUTHOR

28. 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

29. 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

30. DETERMINATION OF ANTIOXIDANTS COMPOUNDS FROM PANGIUM EDULE

INSAN INTERNATIONAL JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE (IJURECON 2023)

2023 PROCEEDING NON-INDEX CO-AUTHOR

31. 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

32. MYPLANET APPLICATION: AN INNOVATIVE RECYCLING SYSTEM

INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE

2022 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

33. ROSSALACCA: A NATURAL-BASED INGREDIENTS SOAP FROM THE EXTRACT OF SALACCA FRUIT SEEDS AND SKIN

INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE

2022 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

34. SALT-WATER HEATER

INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE

2022 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

PUBLICATION

35. THE EFFECTIVENESS OF ENRICHMENT PROGRAMS AMONG SECONDARY GIFTED AND TALENTED MUSLIM STUDENTS

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

2022 PROCEEDING NON-INDEX CO-AUTHOR

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

INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE

2022 PROCEEDING NON-INDEX CO-AUTHOR

37. KECENDERUNGAN MINAT MURID PINTAR DAN BERBAKAT MUSLIM DALAM BIDANG SAINS

INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE 2022

2022 PROCEEDING NON-INDEX CO-AUTHOR

38. RESEARCH ON BLACK GINGER (KAEMPFERIA PARVIFLORA)

INSAN JUNIOR INTERNATIONAL RESEARCHERS CONFERENCE (IJURECON 2022)

2022 PROCEEDING NON-INDEX MAIN AUTHOR

39. 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

40. 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

41. BUILDING ASPIRATION FOR KOLEJ GENIUS INSAN WITH STRATEGIC INTERNATIONALISATION PLAN

SEMINAR PENGANTARABANGSAAN PENGAJIAN TINGGI 2022 (SPPT 2022)

2022 PROCEEDING NON-INDEX CO-AUTHOR

42. POLYMER FORMULATION USED IN CARBON MEMBRANE SYNTHESIS AND PERFORMANCE EVALUATION

3RD KUALA LUMPUR INTERNATIONAL CONFERENCE ON MANAGEMENT, EDUCATION AND TECHNOLOGY(KLIMET 2022)

2022 PROCEEDING NON-INDEX MAIN AUTHOR

43. PROFILING OF METABOLITES COMPOUND IN CHROMOLAENA ODORATA USING GAS CHROMOTOGRAPHY-MASS SPECTRUM (GC-MS)

INSAN JUNIOR INTERNATIONAL RESEARCHERS CONFERENCE (IJURECON 2022)

2022 PROCEEDING OTHER DATABASE MAIN AUTHOR

44. COMPARING THE BIOACTIVE COMPOUNDS OF CRESCENTIA CUJETE TO PAINKILLER

INSAN JUNIOR INTERNATIONAL RESEARCHERS CONFERENCE (IJURECON 2022)

2022 PROCEEDING OTHER DATABASE MAIN AUTHOR

PUBLICATION

45. KIMIA

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

2022 | CHAPTER IN BOOK | MAIN AUTHOR

46. KIMIA

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

2022 | CHAPTER IN BOOK | MAIN AUTHOR

47. PHENOL REMOVAL FROM AQUEOUS SOLUTION BY ADSORPTION TECHNIQUE USING COCONUT SHELL ACTIVATED CARBON

TROPICAL AQUATIC AND SOIL POLLUTION

2021 | JOURNAL | OTHER DATABASE | MAIN AUTHOR / CONTACT PERSON IN USIM

48. DECOLORIZATION OF REMAZOL BRILLIANT VIOLET 5R AND PROCION RED MX-5B BY TRICHODERMA SPECIES

TROPICAL AQUATIC AND SOIL POLLUTION

2021 | JOURNAL | OTHER DATABASE | MAIN AUTHOR / CONTACT PERSON IN USIM

49. SEQUENCING AND ANNOTATED OF GOAT'S MILK USING BIOINFORMATICS TOOL: CLUSTALX

MALAYSIAN JOURNAL OF SCIENCE HEALTH & TECHNOLOGY

2021 | JOURNAL | OTHERS DATABASE | CORRESPONDING AUTHOR

50. HOLOGRAPHIC STUDY IN BIOLOGY ASPECTS - A WHOLE NEW WAY OF LEARNING

ACTIVE LEARNING IN EDUCATION 4.0; STUDENTS AS OWNERS OF LEARNING

2021 | CHAPTER IN BOOK | CO-AUTHOR

51. INTERACTIVE LEARNING ACTIVITIES VIA PRACTICAL SESSION AND CYBER TECHNOLOGY

ACTIVE LEARNING IN EDUCATION 4.0: STUDENTS AS OWNERS OF LEARNING

2021 | CHAPTER IN BOOK | MAIN AUTHOR

52. ANALYSIS OF ANTIMICROBIAL COMPOUND IN ZIZIPHUS MAURITIANA EXTRACT USING ATTENUATED TOTAL REFLECTION-FOURIER TRANSFORM INFRARED (A TR-FTIR)

MALAYSIAN JOURNAL OF SCIENCE HEALTH & TECHNOLOGY

2020 | JOURNAL | OTHERS DATABASE | CO-AUTHOR

53. COMPARISON OF ANTIOXIDANT COMPOUNDS BETWEEN GLYCINE MAX AND BOS TAURUS MILK

MALAYSIAN JOURNAL OF SCIENCE HEALTH & TECHNOLOGY

2020 | JOURNAL | OTHERS DATABASE | MAIN AUTHOR / CONTACT PERSON IN USIM

54. IDENTIFICATION OF ANTIOXIDANTS AND ACTIVE COMPOUNDS IN COW?S MILK

MALAYSIAN JOURNAL OF SCIENCE HEALTH & TECHNOLOGY

2020 | JOURNAL | OTHERS DATABASE | MAIN AUTHOR / CONTACT PERSON IN USIM

55. SPECTROSCOPY ANALYSIS OF ANTIMICROBIAL COMPOUND IN CENTELLA ASIATICA EXTRACT

MALAYSIAN JOURNAL OF SCIENCE HEALTH & TECHNOLOGY

2020 | JOURNAL | OTHERS DATABASE | CO-AUTHOR

PUBLICATION

56. IDENTIFICATION OF ANTIOXIDANTS AND ACTIVE COMPOUNDS IN COW?S MILK

KOLOKIUM SISWAZAH FAKULTI SAINS DAN TEKNOLOGI 2020

2020 PROCEEDING NON-INDEX CO-AUTHOR

57. DNA-BASED METHOD FOR CAPRA AEGAGRUS HIRCUS OF RAW AND FACTORY-MADE MILK

INSAN JUNIOR RESEARCHER INTERNATIONAL CONFERENCE

2020 PROCEEDING NON-INDEX CO-AUTHOR

58. DNA-BASED METHOD FOR CAPRA AEGAGRUS HIRCUS OF RAW AND FACTORY-MADE MILK

KOLOKIUM SISWAZAH FAKULTI SAINS DAN TEKNOLOGI 2020

2020 PROCEEDING NON-INDEX CO-AUTHOR

59. COMPARISON OF ANTIOXIDANT COMPOUNDS BETWEEN GLYCINE MAX AND BOS TAURUS MILK

KOLOKIUM SISWAZAH FAKULTI SAINS DAN TEKNOLOGI 2020

2020 PROCEEDING NON-INDEX CO-AUTHOR

60. SPECTROSCOPY ANALYSIS OF ANTIMICROBIAL COMPOUND IN CENTELLA ASIATICA EXTRACT

KOLOKIUM SISWAZAH FAKULTI SAINS DAN TEKNOLOGI 2020

2020 PROCEEDING NON-INDEX CO-AUTHOR

61. ANALYSIS OF ANTIMICROBIAL COMPOUND IN ZIZIPHUS MAURITIANA EXTRACT USING ATTENUATED TOTAL REFLECTION-FOURIER TRANSFORM INFRARED (ATR-FTIR)

KOLOKIUM SISWAZAH FAKULTI SAINS DAN TEKNOLOGI 2020

2020 PROCEEDING NON-INDEX CO-AUTHOR

62. IDENTIFYING DNA SEQUENCES OF COMMERCIALIZED GOAT?S MILK AND FRESH GOAT?S MILK FROM DATABASE VIA BASIC LOCAL ALIGNMENT SEARCH TOOL (BLAST)

INSAN JUNIOR RESEARCHER INTERNATIONAL CONFERENCE

2020 PROCEEDING NON-INDEX CO-AUTHOR

63. CHARACTERIZATION OF FATTY ACIDS IN COW?S MILK

INSAN JUNIOR RESEARCHER INTERNATIONAL CONFERENCE

2020 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

64. DECOLORIZATION OF METHYLENE BLUE USING FUNGAL STRAIN

INSAN JUNIOR RESEARCHER INTERNATIONAL CONFERENCE

2020 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

65. BIODECOLORIZATION OF METHYLENE BLUE DYE BY FUNGAL STRAIN FA3

13TH SEMINAR ON SCIENCE & TECHNOLOGY (S&T 2020)

2020 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

66. REMOVAL OF MACRO AND MICRO WASTES USING WATER BOAT COLLECTOR

INSAN JUNIOR RESEARCHER INTERNATIONAL CONFERENCE

2020 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

PUBLICATION

67. BIODEGRADATION OF METHYLENE BLUE USING TRICHODERMA REESEI SP.

INSAN JUNIOR RESEARCHER INTERNATIONAL CONFERENCE

2020 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

68. MODUL 4: SISTEM PENAPISAN AIR

MENZAHIR RAHSIA ALAM

2020 CHAPTER IN BOOK MAIN AUTHOR

69. IMPACT OF PHYSICO-CHEMICAL PARAMETERS ON THE BIODEGRADATION OF BENZO(A)PYRENE BY PLEUROTUS ERYNGII F032

JSASS-JURNAL SULTAN ALAUDDIN SULAIMAN SHAH

2019 JOURNAL MYJURNAL MAIN AUTHOR

70. INNOVATION FOR SUSTAINABILITY AND GREEN TECHNOLOGY-DEGRADATION OF INANIMATE FORMS

2019 BOOK EDITOR

71. BIODEGRADATION PATHWAY OF HEXACHLOROCYCLOHEXANE MEDIATED BY ASCOMYCETE FUNGUS TRICHODERMA LIXII F21

INNOVATION FOR SUSTAINABILITY AND GREEN TECHNOLOGY-DEGRADATION OF INANIMATE FORMS

2019 CHAPTER IN BOOK MAIN AUTHOR

72. CHALLENGED WITH VIBRIO VULNIFICUS OF STARVED EPINEPHELUS FUSCOGUTTATUS ANALYSED BY GC?MS

INNOVATION FOR SUSTAINABILITY AND GREEN TECHNOLOGY-DEGRADATION OF INANIMATE FORMS

2019 CHAPTER IN BOOK CO-AUTHOR

73. IMPACT OF PHYSICO-CHEMICAL PARAMETERS ON THE BIODEGRADATION OF BENZO(A)PYRENE BY PLEUROTUS ERYNGII F032

5TH INTERNATIONAL CONFERENCE ON POSTGRADUATE RESEARCH 2018 (5TH ICPR 2018)

2018 PROCEEDING NON-INDEX MAIN AUTHOR

74. RAPID BIOREMEDIATION OF ALIZARIN RED S AND QUINIZARINE GREEN SS DYES USING TRICHODERMA LIXII F21 MEDIATED BY BIOSORPTION AND ENZYMATIC PROCESSES

BIOPROCESS AND BIOSYSTEMS ENGINEERING: BIOREACTORS, UPSTREAM AND DOWNSTREAM PROCESSES, MEASUREMENT AND CONTROL

2017 JOURNAL ERA MAIN AUTHOR

75. BIODEGRADATION PATHWAY OF ACID RED 27 BY WHITE- ROT FUNGUS ARMILLARIA SP. F022 AND PHYTOTOXICITY EVALUATION

CLEAN: SOIL, AIR, WATER

2016 JOURNAL ERA MAIN AUTHOR

76. PYRENE METABOLISM BY NEW SPECIES ISOLATED FROM SOIL RHIZOCTONIA ZEAE SOL3

WATER, AIR, AND SOIL POLLUTION

2015 JOURNAL SCOPUS CO-AUTHOR

77. MECHANISM OF TRIPHENYLMETHANE CRESOL RED DEGRADATION BY TRICHODERMA HARZIANUM M06

BIOPROCESS AND BIOSYSTEMS ENGINEERING

2015 JOURNAL SCOPUS CO-AUTHOR

PUBLICATION

78. METABOLITES CHARACTERISATION OF LACCASE MEDIATED REACTIVE BLACK 5 BIODEGRADATION BY FAST GROWING ASCOMYCETE FUNGUS TRICHODERMA ATROVIRIDE F03

INTERNATIONAL BIODETERIORATION AND BIODEGRADATION

2015 JOURNAL ERA MAIN AUTHOR

79. BIODEGRADATION OF BIS-AZO DYE REACTIVE BLACK 5 BY WHITE-ROT FUNGUS TRAMETES GIBBOSA SP. WRF 3 AND ITS METABOLITE CHARACTERIZATION

WATER, AIR & SOIL POLLUTION

2014 JOURNAL WOS MAIN AUTHOR

80. MICROBIAL DECOLORIZATION OF AN AZO DYE REACTIVE BLACK 5 USING WHITE-ROT FUNGUS PLEUROTUS ERYNGII F032

WATER, AIR, & SOIL POLLUTION

2013 JOURNAL WOS CO-AUTHOR

AWARDS/RECOGNITION

1. STAF CONTOH (KATEGORI AKADEMIK)

2025 UNIVERSITY

2. ACADEMIC ADVISOR

KOLEJ PERMATA INSAN, UNIVERSITI SAINS ISLAM MALAYSIA AND FACULTY OF SCIENCE, UNIVERSITI MALAYA

2025 UNIVERSITY

3. ACADEMIC ADVISOR

KOLEJ PERMATA INSAN, USIM

2025 UNIVERSITY

4. ACADEMIC PROGRAM ADVISOR

USIMQUEST

2025 NATIONAL

5. ACADEMIC PROGRAM ADVISOR

PEMBANGUN MODUL PROGRAM PERKHEMAHAN CUTI SEKOLAH (PPCS)

2025 NATIONAL

6. PHYTOKSUM SHIELD?: HERBAL TONE-UP SUNSCREEN FOR RADIANT PROTECTION

INVENTION, INNOVATION & DESIGN EXPOSITION COMPETITION 2025 (IIDEX2025)

2025 ANTARABANGSA SILVER

7. INOVASI LESTARI AIR MUSTAMAL (ILAM) - BEST INNOVATION AWARD

INSAN Junior Researchers International Conference (iJURECON 2025)

2025 ANTARABANGSA

AWARDS/RECOGNITION

8. INOVASI LESTARI AIR MUSTAMAL (ILAM)

INSAN Junior Researchers International Conference (iJURECON 2025)

2025 ANTARABANGSA BRONZE

9. SAPONIFICATION USING EXTRACTED OIL FROM ELETTARIOPSIS CURTISII AND BRUCEA AMARISSIMA

KUALA LUMPUR INTERNATIONAL INVENTION & INNOVATION SYMPOSIUM (KL3IS) 2025

2025 ANTARABANGSA GOLD

10. SAPONIFICATION USING EXTRACTED OIL FROM ELETTARIOPSIS CURTISII AND BRUCEA AMARISSIMA

SCIENCE CASTLE ASIA 2025

2025 ANTARABANGSA SILVER

11. SAPONIFICATION USING EXTRACTED OIL FROM ELETTARIOPSIS CURTISII AND BRUCEA AMARISSIMA

2nd INTERNATIONAL DEVELOPMENT, RESEARCH & INNOVATION EXHIBITION (iDRIVE'25)

2025 ANTARABANGSA SILVER

12. FROM NUTRACEUTICAL TO PERSONAL PRODUCT: THE POTENTIAL OF CANARIUM ODONTOPHYLLUM

INSAN Junior Researchers International Conference (iJURECON 2025)

2025 ANTARABANGSA SILVER

13. INVESTIGATING THE POTENTIAL OF ACTIVATED CARBON FROM PISTACHIO SHELL TO TREAT DYE MATERIALS IN WASHING MACHINE WASTE WATER: REMOVAL OF METHYL ORANGE DYE

INSAN Junior Researchers International Conference (iJURECON 2025)

2025 ANTARABANGSA SILVER

14. SUSTAINABILITY BIOETHANOL PRODUCTION FROM AGRICULTURAL WASTE WITH VALORISATION OF FERMENTATION RESIDUES IN MICROBIAL FUEL CELLS

INSAN Junior Researchers International Conference (iJURECON 2025)

2025 ANTARABANGSA BRONZE

15. ANALYZING THE DENTAL APPLICATIONS OF BRUCEA JAVANICA, SOLANUM LASIOCARPUM, AND POTASSIUM ALUM MIXTURE VIA ATTENUATED TOTAL REFLECTANCE-FOURIER TRANSFORM INFRARED SPECTROSCOPY

INSAN Junior Researchers International Conference (iJURECON 2025)

2025 ANTARABANGSA GOLD

16. UNVEILING THE DENTAL BENEFITS OF CITRUS HYSTRIX AND LAGENARIA SICERARIA COMPOUNDS THROUGH ATTENUATED TOTAL REFLECTANCE-FOURIER TRANSFORM INFRARED SPECTROSCOPY

INSAN Junior Researchers International Conference (iJURECON 2025)

2025 ANTARABANGSA GOLD

17. SAPONIFICATION USING EXTRACTED OIL FROM ELETTARIOPSIS CURTISII AND BRUCEA AMARISSIMA

INSAN Junior Researchers International Conference (iJURECON 2025)

2025 ANTARABANGSA GOLD

18. SAPONIFICATION USING EXTRACTED OIL FROM ELETTARIOPSIS CURTISII AND BRUCEA AMARISSIMA

MELAKA VOCATIONAL INTERNATIONAL INNOVATION COMPETITION (MVCIIC) 2025

2025 ANTARABANGSA GOLD

AWARDS/RECOGNITION

19. SAPONIFICATION USING EXTRACTED OIL FROM ELETTARIOPSIS CURTISII AND BRUCEA AMARISSIMA

INTERNATIONAL INVENTION,INNOVATION, AND DESIGN COMPETITION 2025

2025 ANTARABANGSA GOLD

20. SAPONIFICATION USING EXTRACTED OIL FROM ELETTARIOPSIS CURTISII AND BRUCEA AMARISSIMA

VIRTUAL INNOVATION COMPETITION 2025

2025 ANTARABANGSA GOLD

21. MONITORING THE DECOLOURISATION OF METHYLENE BLUE DYE USING UV-VIS SPECTROSCOPY

INSAN Junior Researchers International Conference (iJURECON 2025)

2025 ANTARABANGSA GOLD

22. ANUGERAH PENILAI BERKUALITI

2024 UNIVERSITY

23. ANUGERAH PENYELIA PENYELIDIKAN MURID TERBAIK

2024 UNIVERSITY

24. ANUGERAH INOVASI TERBAIK BULAN APRIL

2024 UNIVERSITY

25. ANUGERAH INOVASI TERBAIK BULAN JUN

2024 UNIVERSITY

26. ANUGERAH INOVASI TERBAIK SEPTEMBER

2024 UNIVERSITY

27. ANUGERAH INOVASI TERBAIK OKTOBER

2024 UNIVERSITY

28. ANUGERAH PENULIS JURNAL CEMERLANG MEI

2024 UNIVERSITY

29. ANUGERAH PENULIS JURNAL CEMERLANG BULAN JUN

2024 UNIVERSITY

30. KAEMPFERIA PARVIFLORA?S POTENTIAL IN NATURAL CLEANSING

WORLD SUSTAINABLE DEVELOPMENT GOAL CHALLENGE 2024

2024 ANTARABANGSA GOLD

31. KAEMPFERIA PARVIFLORAS POTENTIAL IN NATURAL CLEANSING

EAST COAST SCHOOLS EDUCATION RESEARCH SYMPOSIUM (ECSERS) 2024

2024 KEBANGSAAN GOLD

AWARDS/RECOGNITION

32. KAEMPFERIA PARVIFLORAS POTENTIAL IN NATURAL CLEANSING

SMART INNOVATION COMPETITION 2024 INTERNATIONAL LEVEL

2024 ANTARABANGSA GOLD

33. KAEMPFERIA PARVIFLORAS POTENTIAL IN NATURAL CLEANSING

VIRTUAL INNOVATION COMPETITION 2024

2024 ANTARABANGSA GOLD

34. IDENTIFICATION AND EXTRACTION OF CHEMICAL COMPOUNDS FROM ELETTARIOPSIS CURTISII AND BRUCEA AMARISSIMA

INTERNATIONAL INVENTION & INNOVATIVE COMPETITION (InIIC) 2024

2024 ANTARABANGSA GOLD

35. ACADEMIC ADVISOR

KOLEJ PERMATA INSAN

2023 UNIVERSITY

36. FUNCTIONAL GROUPS? CHARACTERIZATION OF OIL FROM BAECKEA FRUTESCENS USING (ATR-FTIR)

Innovative Research, Invention and Application Exhibition

2023 ANTARABANGSA GOLD

37. ANALYSIS OF ACTIVE COMPOUNDS OF BAECKEA FRUTESCENS USING (ATR-FTIR)

STEM INVENTION & INNOVATION COMPETITION 2023

2023 ANTARABANGSA GOLD

38. MYPLANET APPLICATION: AN INNOVATIVE RECYCLING SYSTEM

1ST INTERNATIONAL MILLENNIPRENEUR INNOVATION & COMMERCIALIZATION EXHIBITION

2023 ANTARABANGSA GOLD

39. MYPLANET APPLICATION: AN INNOVATIVE RECYCLING SYSTEM

SDG INNOVATION@IBSD 2023

2023 ANTARABANGSA GOLD

40. MYPLANET APPLICATION: AN INNOVATIVE RECYCLING SYSTEM

Malaysia Grand Invention Expo (MaGIEx) 2023

2023 ANTARABANGSA GOLD

41. MYPLANET APPLICATION: AN INNOVATIVE RECYCLING SYSTEM

STEM INVENTION & INNOVATION COMPETITION 2023

2023 ANTARABANGSA GOLD

42. MYPLANET: THE ULTIMATE RECYCLING APPLICATION

INTERNATIONAL INVENTION, INNOVATION AND DESIGN COMPETITION 2023

2023 ANTARABANGSA GOLD

AWARDS/RECOGNITION

43. COMPILATION OF TRADITIONAL MALAY MEDICINE INFOGRAPHIC WITH REFERENCE TO MODERN MEDICAL KNOWLEDGE

INNOVATION BANK CHALLENGE 2023 (IBC2023)

2023 UNIVERSITI GOLD

44. FUNCTIONAL GROUPS CHARACTERIZATION OF OIL FROM KAEMPFERIA PARVIFLORA USING ATTENUATED TOTAL REFLECTANCE-FOURIER TRANSFORM INFRARED SPECTROSCOPY (ATR-FTIR)

Insan Junior Researchers International Conference (iJURECON 2023)

2023 ANTARABANGSA GOLD

45. ANALYSIS OF BAECKEA FRUTESCENS? ACTIVE COMPOUNDS USING ATTENUATED TOTAL REFLECTANCE-FOURIER TRANSFORM INFRARED SPECTROSCOPY (ATRFTIR) AND IT?S SAPONIFICATION PROCESS

Insan Junior Researchers International Conference (iJURECON 2023)

2023 ANTARABANGSA SILVER

46. FUNCTIONAL GROUPS? CHARACTERIZATION OF BAECKEA FRUTESCENS USING ATTENUATED TOTAL REFLECTANCE-FOURIER TRANSFORM INFRARED SPECTROSCOPY

VIRTUAL INNOVATION CEMPETITION 2023

2023 KEBANGSAAN GOLD

47. FUNCTIONAL GROUPS? CHARACTERIZATION OF OIL FROM BAECKEA FRUTESCENS USING (ATR-FTIR)

INTERNATIONAL CONFERENCE OF EDUCATION & FUTURISTIC INNOVATION (ICEFI) 2023

2023 ANTARABANGSA SILVER

48. MYPLANET APPLICATION: AN INNOVATIVE RECYCLING SYSTEM

INTERNATIONAL CONFERENCE OF EDUCATION & FUTURISTIC INNOVATION (ICEFI) 2023

2023 ANTARABANGSA GOLD

49. BAECKEA FRUTESCENS-BASED SOAP: A SUSTAINABLE PALM OIL ALTERNATIVE IN SOAP PRODUCTION

INVENTION, INNOVATION & DESIGN EXPOSITION 2023 (IIDEX 2023)

2023 ANTARABANGSA GOLD

50. BIODEGRADATION ANALYSIS OF METHYL ORANGE BY GANODERMA LUCIDUM USING UV-VIS SPECTROPHOTOMETRY AND ATTENUATED TOTAL REFLECTANCE- FOURIER TRANSFORM INFRARED SPECTROSCOPY (ATR-FTIR)

Insan Junior Researchers International Conference (iJURECON 2023)

2023 ANTARABANGSA GOLD

51. ANALYSIS OF ACTIVE COMPOUNDS OF BAECKEA FRUTESCENS USING (ATR-FTIR) AND ITS SAPONIFICATION PROCESS

INTERNATIONAL INVENTION & INNOVATIVE COMPETITION (InIIC SERIES 2/2023)

2023 ANTARABANGSA GOLD

52. MEREKABENTUK MAKLUMAT GRAFIK UNTUK RAWATAN GOUT DENGAN MENGGUNAKAN DAUN KETUMBAR (CORIANDUM SATIVUM)

INTERNATIONAL CONFERENCE 2022 (IJURECON 2022)

2022 ANTARABANGSA GOLD

AWARDS/RECOGNITION

53. MYPLANET APPLICATION: AN INNOVATIVE RECYCLING SYSTEM

World Youth STEM Invention Innovation (WYSII 2022)

2022 KEBANGSAAN GOLD

54. KECENDERUNGAN MINAT MURID PINTAR DAN BERBAKAT MUSLIM DALAM BIDANG SAINS

INTERNATIONAL CONFERENCE 2022 (IJURECON 2022)

2022 ANTARABANGSA GOLD

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

INTERNATIONAL CONFERENCE 2022 (IJURECON 2022)

2022 ANTARABANGSA GOLD

56. FUNCTIONAL GROUPS CHARACTERIZA OF OIL FROM BAECKEA FRUTESCENS USING ATTENUA TOTAL REFLECTANCE-FOURIER TRANSFORM INFRARED SPECTROSCOPYY (ATR-FTIR)

International Virtual Educational Design, Invention & Innovation Competition 2022 (iVEDIIC2022)

2022 KEBANGSAAN SILVER

57. MYPLANET: AN INNOVATIVE RECYCLING APPLICATION

INOVAS 2022: Human Well-being & Sustainable Community

2022 UNIVERSITI SILVER

58. MYPLANET APPLICATION: AN INNOVATIVE RECYCLING SYSTEM

International Virtual Educational Design, Invention & Innovation Competition 2022 (iVEDIIC2022)

2022 KEBANGSAAN GOLD

59. MYPLANET: THE ULTIMATE RECYLING APPLICATION

VIRTUAL INNOVATION COMPETITION 3rd EDITION

2022 KEBANGSAAN GOLD

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

INTERNATIONAL CONFERENCE 2022 (IJURECON 2022)

2022 ANTARABANGSA

61. PROFILING OF METABOLITES COMPOUND IN CHROMOLAENA ODORATA USING GAS CHROMATOGRAPHY- MASS SPECTROMETRY (GC-MS)

INTERNATIONAL CONFERENCE 2022 (IJURECON 2022)

2022 ANTARABANGSA

62. DESIGNING AN INFOGRAPHIC OF THE MEANING BEHIND THE COLOUR OF URINE

INTERNATIONAL CONFERENCE 2022 (IJURECON 2022)

2022 ANTARABANGSA

63. DESIGNING AN INFOGRAPHIC FOR TREATMENT OF VOMITING AND NAUSEA BY USING LOCAL HERBS

INTERNATIONAL CONFERENCE 2022 (IJURECON 2022)

2022 ANTARABANGSA GOLD

AWARDS/RECOGNITION

64. DESIGNING AN INFOGRAPHIC FOR DIAGNOSIS OF DISEASES OF GALLSTONE

INTERNATIONAL CONFERENCE 2022 (IJURECON 2022)

2022 ANTARABANGSA GOLD

65. DESIGNING AN INFOGRAPHIC FOR TREATMENT OF GINGIVITIS BY USING SALT AND HONEY

INTERNATIONAL CONFERENCE 2022 (IJURECON 2022)

2022 ANTARABANGSA GOLD

66. COMPARING THE BIOACTIVE COMPOUNDS OF CRESCENTIA CUJETE TO PAINKILLER

INTERNATIONAL CONFERENCE 2022 (IJURECON 2022)

2022 ANTARABANGSA GOLD

67. RESEARCH ON BLACK GINGER (KAEMPFERIA PARVIFLORA)

INTERNATIONAL CONFERENCE 2022 (IJURECON 2022)

2022 ANTARABANGSA GOLD

68. BIODEGRADATION OF METHYLENE BLUE DYE BY TRICHODERMA REESERSP.

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

2021 ANTARABANGSA BRONZE

69. HYGIENE TRAVEL SOAP FROM DABAI FRUITS OIL

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

2021 ANTARABANGSA GOLD

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

INTERNATIONAL SHARIAH COMPLIANT IDEA, INVENTION, INNOVATION & DESIGN 2021

2021 ANTARABANGSA SILVER

71. INSAN WATER BOAT COLECTOR REMOVAL OF MACRO AND MICRO WASTES

VIRTUAL INNOVATION COMPETITION 2021

2021 KEBANGSAAN SILVER

72. INSAN WATER BOAT COLLECTOR

SEMINAR KEBANGSAAN PENYELIDIK DAN INTERVENSI AMALAN BILIK DARJAH, SKINTERCLASS 2021

2021 KEBANGSAAN GOLD

73. INSAN WATER BOAT COLLECTOR

e-SEMINAR PENYELIDIKAN DAN INOVASI DALAM PENDIDIKAN 2021 (e-SPeDIP 2021)

2021 ANTARABANGSA BRONZE

74. SALT WATER HEATER

INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE (iJURECON2021)

2021 KEBANGSAAN

AWARDS/RECOGNITION

75. SALT WATER HEATER

INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE (iJURECON2021)

2021 KEBANGSAAN GOLD

76. BIODEGRADATION OF METHYLENE BLUES DYE BY GANODERMA LUCIDUM

INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE (iJURECON2021)

2021 KEBANGSAAN GOLD

77. BEST ILQA ABQARI VIDEO PRESENTATION

INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE (iJURECON2021)

2021 KEBANGSAAN GOLD

78. MYPLANET

SAMSUNG-SOLVE FOR TOMORROW COMPETITION

2021 KEBANGSAAN BRONZE

79. ANUGERAH STAF CONTOH (KATEGORI AKADEMIK)

2020 OTHERS

80. HYGIENIC TRAVEL SOAP FROM DABAI FRUITS OIL

CREATIONS DE UITM, MEGA INNOVATION CARNIVAL

2020 KEBANGSAAN GOLD

81. ANTIOXIDANT TRAVEL SOAP FROM DABAI FRUITS OIL

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

2020 KEBANGSAAN SILVER

82. HYGIENE TRAVEL SOAP FROM DABAI FRUITSB OIL

MELAKA INTERNATIONAL INTELLECTUAL EXPOSITION

2019 KEBANGSAAN GOLD