

Profile Image

**PROF. MADYA DR. FARAH
WAHIDA BINTI HARUN**

PENSYARAH UNIVERSITI DS14

CONTACT

Phone: 6531

E-mail: farahw@usim.edu.my

Faculty: Fakulti Sains Dan
Teknologi

SUPERVISION

PhD - Completed: 5, Ongoing: 0

Master - Completed: 4, Ongoing: 1

AREAS OF EXPERTISE

Chemistry Of Catalysis

Organometallic Chemistry

Transition Metal Chemistry

Catalyst

ACADEMIC QUALIFICATION

PhD in Chemistry (2010)

Master in Science Chemistry (2005)

Bachelor in Science (2003)

RESEARCH

1. ISOLATION AND CHARACTERIZATION OF BIOACTIVE COMPOUNDS FROM DUKUNG ANAK (PHYLLANTUS NIRURI), JATI BELANDA (GHUAZUMA ULMIFOLIA) AND JINTAN HITAM (NIGELLA SATIVA) AS A POTENTIAL ANTI-BACTERIAL AGENT

2023

GERAN SEPADAN ANTARABANGSA

ON GOING

CO-RESEARCHER

2. EVALUATION OF ACTIVATED CARBONS FROM ANIMALS BONES USING FTIR AND TGA COMBINED WITH CHEMOMETRICS TECHNIQUES FOR HALAL AUTHENTICATION

2023

GERAN PENYELIDIKAN PUSAT TANGGUNGJAWAB (PTJ)

ON GOING

CO-RESEARCHER

3. ZRO₂-FE₃O₄ AS A NANO-MAGNETIC BIFUNCTIONAL CATALYST FOR BIODIESEL PRODUCTION FROM WASTE COOKING OIL

2022

GERAN PENYELIDIKAN USIM

ON GOING

CO-RESEARCHER

4. FORMULATING A METHOD TO DETECT CONTAMINANT IN WATER BASED ON LIGHT PROPAGATION THEORY FOR CONSERVING NATURAL WATER RESOURCES

2021

GERAN KPT

ON GOING

CO-RESEARCHER

5. MODIFIED WASTE CHICKEN BONES DERIVED BI-FUNCTIONAL CATALYST FOR BIODIESEL PRODUCTION FROM HIGH FREE FATTY ACIDS WASTE COOKING OIL

2021

GERAN PENYELIDIKAN USIM

ON GOING

MAIN RESEARCHER

RESEARCH

6. EFFECTIVENESS OF HALAL ACTION FOR YOUNG SCIENTIST PROJECT AMONG SECONDARY STUDENTS

2017 GERAN PENYELIDIKAN AGENSI KERAJAAN COMPLETED CO-RESEARCHER

7. MECHANISM OF SHAPE MEMORY PROPERTIES BY CELLULOSE NANOCRYSTAL (CNC) IN PALM OIL BASED POLYOL

2017 GERAN ANTARABANGSA COMPLETED CO-RESEARCHER

8. MONTMORILLONITE CLAY MODIFIED WITH METAL CATIONS AS ACID CATALYSTS FOR BIODIESEL PRODUCTION FROM WASTE COOKING OIL.

2017 GERAN KPT COMPLETED MAIN RESEARCHER

9. ELECTRICAL STUDIES OF RENEWABLE BIONANOCOMPOSITE BIOPOLYMER ELECTROLYTE FOR DYE SENSITIZED SOLAR CELL (DSSC) APPLICATION

2016 GERAN KPT COMPLETED CO-RESEARCHER

10. ISOLATION, PURIFICATION AND CHARACTERIZATION OF USED PALM OIL-DEGRADING BACTERIA FROM POLLUTED SOIL AND WATER AROUND NILAI, NEGERI SEMBILAN

2016 GERAN PENYELIDIKAN TRANSNASIONAL COMPLETED CO-RESEARCHER

11. METAL CATION -EXCHANGED MONTMORILLONITE K10 AS A GREEN CATALYST FOR PRODUCTION OF OLEIC ACID ALKYL ESTERS

2016 GERAN PENYELIDIKAN TRANSNASIONAL COMPLETED MAIN RESEARCHER

12. CHEMOMETRICS EVALUATION OF SATURATED AND POLYUNSATURATED FATTY ACIDS IN LARD AND EDIBLE FATS ON HEAT TREATMENT PROCESS.

2015 GERAN KPT COMPLETED CO-RESEARCHER

13. BIOCOMPATIBLE CALCINED LAYERED DOUBLE HYDROXIDES AS SUPPORT FOR EFFICIENT IMMOBILIZATION OF BIOCATALYSTS

2012 GERAN KPT COMPLETED CO-RESEARCHER

14. SELF SENSING ACTUATOR MADE FROM THE CELLULOSE NANOCRYSTAL (CNC) AND BIO-BASED SHAPE MEMORY POLYURETHANE (SMPU)

2012 GERAN KPT COMPLETED CO-RESEARCHER

15. PROFESSIONAL HALAL ANALYST PROGRAM

2012 GERAN KPT COMPLETED CO-RESEARCHER

16. BIOCOMPATIBILITY OF BIO-BASED SHAPE MEMORY POLYURETHANE NANOCOMPOSITE FOR BIOMEDICAL APPLICATION

2012 GERAN PENYELIDIKAN PENTADBIR COMPLETED CO-RESEARCHER

17. NEW ACTIVATED BIOCATALYST IN THIN FILM OF CELLULOSE DERIVATIVE

2012 GERAN PENYELIDIKAN USIM COMPLETED CO-RESEARCHER

18. IMMOBILIZED METAL COMPLEXES ON MONTMORILLONITE AS HETEROGENEOUS CATALYST FOR EPOXIDATION OF PALM OIL.

2012 GERAN KPT COMPLETED MAIN RESEARCHER

19. DEVELOPMENT OF AN ALTERNATIVE MATERIAL FOR HYDROGEN STORAGE DERIVED FROM MONTMORILLONITE NANOCCLAY

2012 GERAN PENYELIDIKAN USIM COMPLETED MAIN RESEARCHER

20. STUDY ON THE ACTUATING MECHANISM OF SELF SENSING ACTUATOR MADE FROM THE PALM OIL BASED SHAPE MEMORY POLYURETHANE (SMPU)

2011 GERAN KPT COMPLETED CO-RESEARCHER

21. PRELIMINARY STUDY OF CAPROLACTONE/PALM KERNEL OIL BASED POLYOL FOR POLYURETHANE BIOADHESIVE

2011 GERAN PENYELIDIKAN FUNDAMENTAL COMPLETED CO-RESEARCHER

RESEARCH

22. PRELIMINARY STUDY OF BIO-BASED SHAPE MEMORY POLYURETHANE NANOCOMPOSITES FOR BIOMEDICAL APPLICATION

2011 GERAN PENYELIDIKAN FUNDAMENTAL COMPLETED MAIN RESEARCHER

PUBLICATION

1. DEVELOPMENT OF CA²⁺ AND FE³⁺ MODIFIED CHICKEN BONE AS CATALYST FOR BIODIESEL PRODUCTION FROM WASTE COOKING OIL

1ST INTERNATIONAL SCIENCE, ENGINEERING AND TECHNOLOGY COLLOQUIUM (ISETC 2024)

2024 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

2. CA²⁺ AND FE³⁺ IMPREGNATED CHICKEN BONE AS HETEROGENEOUS CATALYSTS FOR BIODIESEL PRODUCTION FROM WASTE COOKING OIL

APS PROCEEDINGS

2024 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

3. UNDERSTANDING THE CATION EXCHANGE AFFINITY IN MODIFIED-MMT CATALYSTS FOR THE CONVERSION OF GLUCOSE TO LACTIC ACID

RSC ADVANCES

2023 JOURNAL ISI CO-AUTHOR

4. PRELIMINARY STUDY ON THE USE OF MAGNETIZE FE₃O₄-ZRO₂ CATALYST FOR BIODIESEL PRODUCTION

SEMINAR ANTARABANGSA ISLAM DAN SAINS 2023

2023 PROCEEDING NON-INDEX MAIN AUTHOR

5. DIRECT CATALYTIC CONVERSION OF CELLULOSE INTO FORMIC ACID BY SUPPORTED PHOSPHOTUNGSTIC ACID CATALYST

MALAYSIAN JOURNAL OF ANALYTICAL SCIENCES

2022 JOURNAL SCOPUS CO-AUTHOR

6. EFFECT OF DIFFERENT SUPPORTED HETEROPOLY ACID ON THE CATALYTIC HYDROTHERMAL CONVERSION OF CELLULOSE INTO FORMIC ACID

MATERIALS SCIENCE FORUM

2022 JOURNAL ERA CO-AUTHOR

7. COMPARATIVE STUDY ON LIPASE IMMOBILIZED ONTO ORGANO-CATION EXCHANGED KAOLIN AND METAKAOLIN: SURFACE PROPERTIES AND CATALYTIC ACTIVITY

BULLETIN OF CHEMICAL REACTION ENGINEERING AND CATALYSIS

2021 JOURNAL SCOPUS CO-AUTHOR

8. EPOXIDATION OF CYCLOHEXENE CATALYZED BY VANADIUM COMPLEX SUPPORTED ON MONTMORILLONITE K-10

INTERNATIONAL TRANSACTION JOURNAL OF ENGINEERING, MANAGEMENT, & APPLIED SCIENCES & TECHNOLOGIES

2021 JOURNAL WOS CORRESPONDING AUTHOR

9. MODIFICATION OF KAOLINITE CLAY USING BENZYLTRIETHYLAMMONIUM CHLORIDE AS A SURFACTANT: PREPARATION AND CHARACTERIZATION

INTERNATIONAL JOURNAL OF ENGINEERING AND TECHNOLOGY(UAE)

2020 JOURNAL SCOPUS CO-AUTHOR

10. MODIFICATION OF KAOLINITE CLAY USING BENZYLTRIETHYLAMMONIUM CHLORIDE AS A SURFACTANT: PREPARATION AND CHARACTERIZATION

INTERNATIONAL JOURNAL OF ENGINEERING & TECHNOLOGY

2020 JOURNAL OTHER DATABASE CO-AUTHOR

11. OPTIMIZATION OF MONTMORILLONITE K10 ION-EXCHANGE WITH FE³⁺ FOR THE APPLICATION OF BIODIESEL PRODUCTION

MALAYSIAN JOURNAL OF ANALYTICAL SCIENCES

2020 JOURNAL SCOPUS CORRESPONDING AUTHOR

12. OPTIMIZATION OF BIODIESEL PRODUCTION FROM WASTE COOKING OIL USING FE-MONTMORILLONITE K10 BY RESPONSE SURFACE METHODOLOGY

RENEWABLE ENERGY

2020 JOURNAL ERA CORRESPONDING AUTHOR

13. NAKED EYE CHEMOSENSING OF ANIONS BY SCHIFF BASES

CRITICAL REVIEWS IN ANALYTICAL CHEMISTRY

2020 JOURNAL ERA CO-AUTHOR

PUBLICATION

14. PHYSICOCHEMICAL PROPERTIES OF REFINED PALM COOKING OIL AND USED PALM COOKING OIL MATERIALS TODAY: PROCEEDINGS

2019 JOURNAL SCOPUS AND ERA MAIN AUTHOR

15. CONTACT ANGLE PROPERTIES OF BIOACRYLIC PALM OIL BASED POLYOL FOR POLYURETHANE COATING MATERIALS SCIENCE FORUM

2019 JOURNAL ERA CO-AUTHOR

16. FOURIER TRANSFORM INFRARED SPECTROSCOPY AS A TECHNIQUE FOR MULTIVARIATE ANALYSIS OF LARD ADULTERATION IN FOOD PRODUCTS: A REVIEW

JOURNAL OF FATWA MANAGEMENT AND RESEARCH

2019 JOURNAL MYCITE MAIN AUTHOR

17. MONTMORILLONITE K10 MODIFIED WITH FE³⁺ FOR BIODIESEL PRODUCTION FROM WASTE COOKING OIL INTERNATIONAL SYMPOSIUM ON ADVANCED MATERIALS AND NANOTECHNOLOGY

2019 PROCEEDING NON-INDEX MAIN AUTHOR

18. ANALYTICAL CHEMISTRY IN HALAL AND TOYYIB IDENTIFICATION

2019 BOOK CO-AUTHOR

19. IMMOBILIZATION OF ENZYME USING NATURAL FELDSPAR FOR USE IN THE SYNTHESIS OF OLEYL OLEATE AIP CONFERENCE PROCEEDINGS

2018 JOURNAL SCOPUS CO-AUTHOR

20. ESTERIFICATION OF OLEIC ACID WITH ALCOHOLS OVER CU-MMT K10 AND FE-MMT K10 AS ACID CATALYSTS AIP CONFERENCE PROCEEDING

2018 JOURNAL SCOPUS MAIN AUTHOR

21. INCORPORATION OF PALM OIL POLYOL IN SHAPE MEMORY POLYURETHANE: IMPLICATION FOR DEVELOPMENT OF CARDIOVASCULAR STENT

POLYMERS FOR ADVANCED TECHNOLOGIES

2018 JOURNAL WOS CO-AUTHOR

22. DIFFERENTIATION OF EDIBLE FATS FROM SELECTED SOURCES AFTER HEATING TREATMENTS USING FOURIER TRANSFORM INFRARED SPECTROSCOPY (FTIR) AND MULTIVARIATE ANALYSIS

AIP CONFERENCE PROCEEDINGS

2018 JOURNAL SCOPUS CO-AUTHOR

23. CU²⁺ MONTMORILLONITE K10 CLAY CATALYST AS A GREEN CATALYST FOR PRODUCTION OF STEARIC ACID METHYL ESTER: OPTIMIZATION USING RESPONSE SURFACE METHODOLOGY (RSM)

BULLETIN OF CHEMICAL REACTION ENGINEERING & CATALYSIS

2018 JOURNAL WOS MAIN AUTHOR

24. PROFESSIONAL HALAL TRAINING PROGRAMME HALAL SCIENCE AND TECHNOLOGY MODULE (TECHNIQUES AND INSTRUMENTS IMPLEMENTED FOR HALAL ANALYSIS OF PRODUCTS)

2018 BOOK CO-AUTHOR

25. RECENT ADVANCEMENT ON APPLIED PHYSICS, INDUSTRIAL CHEMISTRY AND CHEMICAL TECHNOLOGY

2018 BOOK CO-EDITOR

26. FOURIER TRANSFORMS INFRA-RED SPECTROSCOPY: PRINCIPLE AND ITS APPLICATION IN HALAL INDUSTRY

HALAL SCIENCE AND TECHNOLOGY MODULE (TECHNIQUES AND INSTRUMENTS IMPLEMENTED FOR HALAL ANALYSIS OF PRODUCTS)

2018 CHAPTER IN BOOK MAIN AUTHOR

PUBLICATION

27. M-MMT K10 (M: CU, AL AND FE) AS CATALYSTS FOR THE ESTERIFICATION OF ACETIC ACID AND STEARIC ACID WITH METHANOL

PROCEEDINGS OF THE WORLD CONGRESS ON ENGINEERING AND COMPUTER SCIENCE

2017 PROCEEDING NON-INDEX MAIN AUTHOR

28. SYNTHESIS AND BIOLOGICAL EVALUATION OF 6-HYDROXY-4-METHYL-5,7-(BIS-P-CHLOROPHENYLAZO) COUMARIN
AMERICAN JOURNAL OF APPLIED SCIENCES

2016 JOURNAL SCOPUS CO-AUTHOR

29. STEARIC ACID ESTERS SYNTHESIZED USING IRON EXCHANGED MONTMORILLONITE K10 CLAY CATALYSTS
INTERNATIONAL JOURNAL OF APPLIED CHEMISTRY

2016 JOURNAL SCOPUS MAIN AUTHOR

30. IN VIVO ASSESSMENT OF ANTIOXIDANT AND WOUND HEALING IMPROVEMENT OF A NEW SCHIFF BASE DERIVED CO (II) COMPLEX IN RATS

SCIENTIFIC REPORTS

2016 JOURNAL WOS CO-AUTHOR

31. METAL CATION EXCHANGED MONTMORILLONITE K10(MMTK10): SURFACE PROPERTIES AND CATALYTIC ACTIVITY
JOURNAL OF SCIENTIFIC RESEARCH AND DEVELOPMENT

2016 JOURNAL WOS MAIN AUTHOR

32. THE PHOTOCHEMISTRY OF CR(CO)₆ IN HIGH PRESSURE LOW TEMPERATURE POLYMER MATRIX MONITORED BY FOURIER TRANSFORM INFRARED AND UV-VIS SPECTROSCOPY

JURNAL TEKNOLOGI

2016 JOURNAL SCOPUS MAIN AUTHOR

33. SYNTHESIS AND CYTOTOXIC ACTIVITY OF 6-HYDROXY-4-METHYL-5, 7-(BIS-PHENYLAZO) COUMARIN WITH DIVALENT TRANSITION METAL IONS

INDIAN JOURNAL OF SCIENCE AND TECHNOLOGY

2016 JOURNAL SCOPUS CO-AUTHOR

34. CHEMISTRY OF FOOD, HEALTH AND TECHNOLOGY IN ISLAMIC CITATIONS

2016 BOOK EDITOR

35. ANALYTICAL METHODS TO ANALYZE LARD IN FOOD PRODUCTS

CHEMISTRY OF FOOD, HEALTH AND TECHNOLOGY IN ISLAMIC CITATIONS

2016 CHAPTER IN BOOK MAIN AUTHOR

36. EVALUATION OF ANTITUMOR ACTIVITY OF COPPER COMPLEXES OF COUMARIN IN BREAST AND LUNG CANCER
MIDDLE-EAST JOURNAL OF SCIENTIFIC RESEARCH

2015 JOURNAL WOS CO-AUTHOR

37. THE PHOTOCHEMISTRY OF CR(CO)₆ IN HIGH PRESSURE LOW TEMPERATURE POLYMER MATRIX MONITORED BY FOURIER TRANSFORM INFRARED AND UV-VIS SPECTROSCOPY

INTERNATIONAL SYMPOSIUM ON SCIENCES AND MATHEMATICS (ISYSM2015)

2015 PROCEEDING NON-INDEX MAIN AUTHOR

38. ALUMINUM MODIFIED MONTMORILLONITE K10 (AL-MMT K10) AS AN ENVIRONMENTAL FRIENDLY CATALYST IN PRODUCTION OF STEARIC ACID ESTERS

MALAYSIAN RESEARCH CONFERENCE AND INNOVATION EXHIBITION (MRCIE 2015)

2015 PROCEEDING NON-INDEX MAIN AUTHOR

39. EVALUATION OF ANTITUMOR ACTIVITY OF COPPER COMPLEXES OF COUMARIN IN BREAST AND LUNG CANCER
INTERNATIONAL CONFERENCE ON HEALTH AND LIFE SCIENCES RESEARCH

2015 PROCEEDING NON-INDEX CO-AUTHOR

PUBLICATION

40. SYNTHESIS AND CHARACTERIZATION 6-HYDROXY-4-METHYL-5-PHENYL AZO COUMARINS WITH DIVALENT TRANSITION METAL IONS

JOURNAL OF APPLIED CHEMISTRY

2014

JOURNAL

SCOPUS

CO-AUTHOR

41. PREPARATION AND CHARACTERIZATION OF IMMOBILIZED MOLYBDENUM COMPLEX ON PILLARED MONTMORILLONITE K-10

SEOUL INTERNATIONAL CONFERENCE ON APPLIED SCIENCE AND ENGINEERING (SICASE 2014)

2014

PROCEEDING

NON-INDEX

MAIN AUTHOR

42. SYNTHESIS, CHARACTERIZATION AND CYTOTOXIC ACTIVITY OF 6-HYDROXY- 4-METHYL 7- (BIS-P-CHLORO PHENYL AZO) COUMARIN

EKSPO INOVASI ISLAM 2014

2014

PROCEEDING

NON-INDEX

CO-AUTHOR

43. SYNTHESIS, CHARACTERIZATION AND X-RAY STRUCTURE OF SCHIFF BASES DERIVED FROM 4-DIMETHYLAMINO BENZALDEHYDE WITH SOME AMINO ACIDS AND 4-AMINOANTIPYRINE

POSTGRADUATE COLLOQUIUM FST 2014

2014

PROCEEDING

NON-INDEX

CO-AUTHOR

44. SYNTHESIS, CHARACTERIZATION AND CYTOTOXIC ACTIVITY OF 6-HYDROXY- 4-METHYL -5,7- (BIS-P-CHLOROPHENYL AZO) COUMARIN WITH DIVALENT TRANSITION METAL IONS

POSTGRADUATE COLLOQUIUM FST 2014

2014

PROCEEDING

NON-INDEX

CO-AUTHOR

45. IHRAM-USIM?S EXPERIENCES IN ESTABLISHING PROFESSIONAL HALAL ANALYST PROGRAM: TRAINING AND SERVICES FOR HALAL RELATED INDUSTRIES

PIONEERING ISLAMIC SCIENCE SPEARHEADING KNOWLEDGE

2014

CHAPTER IN BOOK

CO-AUTHOR

46. QUANTIFICATION OF AMORPHOUS CIMETIDINE USING FT-RAMAN SPECTROSCOPY

PIONEERING ISLAMIC SCIENCE SPEARHEADING KNOWLEDGE

2014

CHAPTER IN BOOK

MAIN AUTHOR

47. THE PHOTOCHEMISTRY OF CR(CO)₆ USING MATRIX ISOLATION TECHNIQUE

SEMINAR HASIL PENYELIDIKAN, KPT

2013

PROCEEDING

NON-INDEX

MAIN AUTHOR

48. PHYSIOCOCHEMICAL CHARACTERISTICS OF MONTMORILLONITE K-10 MODIFIED BY CO(II) AND ALUMINA PILLARING

2013

BOOK

EDITOR

49. SYTHESIS ADN CHARACTERIZATION OF MOLYBDENUM COMPLEX IMMOBILIZED ON MONTMORILLONITE

2013

BOOK

EDITOR

50. CHARACTERIZATION OF MONTMORILLONITE K-10 MODIFED BY FE³⁺ ADN ALUMINA PILLARING

2013

BOOK

EDITOR

51. BASICS OF FOURIER TRANSFORM INFRA RED SPECTROCOPY AND ITS SAMPLE PREPARATION

PROFESSIONAL HALAL ANALYST MODULE

2013

CHAPTER IN BOOK

MAIN AUTHOR

52. THE PHOTOCHEMISTRY OF METAL CARBONYL USING MATRIX ISOLATION TECHNIQUE

FUNDAMENTAL SCIENCE CONGRESS 2012

2012

PROCEEDING

NON-INDEX

MAIN AUTHOR

PUBLICATION

53. CHARACTERISTICS OF MONTMORILLONITE NANOCLAY DOPED WITH TRANSITION METAL IONS.

2012 BOOK EDITOR

54. FUNCTIONALIZATION OF MONTMORILLONITE WITH TRANSITION METAL PARTICLES (IRON, COBALT, AND PLATINUM)

2012 BOOK EDITOR

55. DETECTION OF LOW LEVELS OF AMORPHOUS MATERIALS USING H/D EXCHANGE, FT-RAMAN AND FT-INFRARED SPECTROSCOPY.

38TH ANNUAL MEETING AND EXPOSITION OF THE CONTROLLED RELEASE SOCIETY

2011 PROCEEDING NON-INDEX CO-AUTHOR

56. SYNTHESIS AND FTIR SPECTROSCOPIC METHOD OF INDOMETHACIN CRYSTAL FORMS.

2011 BOOK EDITOR

57. DIVALENT METAL COMPLEXES OF INDOMETHACIN: SYNTHESIS AND THEIR FTIR CHARACTERISTIC (M = CU AND ZN)

2011 BOOK EDITOR

58. SYNTHESIS AND FTIR STUDY OF DIVALENT METAL (M = CO, CU AND CD) SALT COMPLEXES OF INDOMETHACIN

2011 BOOK EDITOR

59. ISLAM PEMANGKIN SAINS DAN TEKNOLOGI.

ISLAM HADHARI DAN KEHIDUPAN.

2006 CHAPTER IN BOOK MAIN AUTHOR

60. KEMANTAPAN ILMU MENCORAK GENERASI MUDA.

ISLAM HADHARI DAN KEHIDUPAN

2006 CHAPTER IN BOOK CO-AUTHOR

61. PENCIRIAN BAHAN MESOPOROS MCM-41 YANG DIMODIFIKASIKAN DENGAN TITANIUM.

THE MALAYSIAN JOURNAL OF ANALYTICAL SCIENCES

2005 JOURNAL WOS MAIN AUTHOR

62. PENCIRIAN SIFAT KIMIA DAN FIZIKAL SEBATHAN MESOPOROSTI-ZEOLIT TERNYAHLAMINA (TI-ITQ-6)

THE MALAYSIAN JOURNAL OF ANALYTICAL SCIENCES

2005 JOURNAL WOS CO-AUTHOR

CONSULTATION

1. SISTEM KEDATANGAN PELAJAR UNIVERSITI SAINS ISLAM MALAYSIA (USIM)

NONE

2023

UNIVERSITY

2. PENSIJILAN - ADVANCE QA/QC PROCEDURES FOR LABORATORIES

KEMENTERIAN PENGAJIAN TINGGI

2022

UNIVERSITY

3. PROFESSTONAL HALAL TRAINING PROGRAM (PHTP) SIRI 1/2017

INSTITUTE OF HALAL RESEARCH AND MANAGEMENT (IHRAM)

2017

NATIONAL

AWARDS/RECOGNITION

1. CA₂⁺ AND FE₃⁺ IMPREGNATED CHICKEN BONE AS HETEROGENEOUS CATALYSIS FOR BIODIESEL PRODUCTION FROM WASTE COOKING OIL

VIRTUAL INNOVATION COMPETITION 2024

2024

ANTARABANGSA

BRONZE

2. ACADEMIC ADVISOR

DARUL QURAN JAKIM

2020

NATIONAL

3. ACADEMIC ADVISOR

UNIVERSITI KEBANGSAAN MALAYSIA

2019

NATIONAL

4. ACADEMIC ADVISOR

UNIVERSITI TEKNOLOGI MARA (UITM)

2019

NATIONAL

5. ACADEMIC ADVISOR

KPJ HEALTHCARE UNIVERSITY COLLEGE

2019

NATIONAL

6. ACADEMIC ADVISOR

KPJ HEALTHCARE UNIVERSITY COLLEGE

2018

NATIONAL

7. ACADEMIC ADVISOR

UNIVERSITI TEKNOLOGI MARA (UITM)

2017

NATIONAL

8. PROFESSIONAL HALAL TRAINING PROGRAMME

THE INTERNATIONAL CONFERENCE AND EXPOSITION ON INVENTION (PECIPTA 17)

2017

UNIVERSITI

SILVER

9. PROFESSIONAL HALAL ANALYST PROGRAM (PHAP) (KATEGORI TERBUKA)

EKSPO INOVASI ISLAM KALI KE-ENAM 2015 (I-INOVA 2015)

2015

ANTARABANGSA

SILVER

10. ALUMINUM MODIFIED MONTMORILLONITE K10 (AL-MMT K10) AS AN ENVIRONMENTAL FRIENDLY CATALYST IN PRODUCTION OF STEARIC ACID ESTERS

MALAYSIAN RESEARCH CONFERENCE AND INNOVATION EXHIBITION 2015 (MRCIE) 2015

2015

KEBANGSAAN

BEST PAPER AWARD

11. SYNTHESIS, CHARACTERIZATION AND CYTOTOXIC ACTIVITY OF 6-HYDROXY-4-METHYL 7-

EKSPO INOVASI ISLAM I-INOVA 2014

2014

KEBANGSAAN

BRONZE