

Profile Image

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## CONTACT

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**Faculty:** Fakulti Sains  
Dan Teknologi

## SUPERVISION

PhD - Completed: 0, Ongoing: 1

Master - Completed: 3,  
Ongoing: 0

## AREAS OF EXPERTISE

Chemical And Physical Methods

Other Analytical Chemistry

Coating

## ACADEMIC QUALIFICATION

PhD in Kimia Analisis (2004)

Master in Kimia Analisis (1997)

Bachelor in Kimia (1992)

## RESEARCH

### 1. EVALUATION OF OIL PALM GERMLASM RESOURCES IN MPOB EX SITU GENE BANK USING CHEMOMETRICS

2013 GERAN KPT COMPLETED MAIN RESEARCHER

### 2. MODIFIED ACTIVATED CARBON FOR REMOVAL OF CHROMIUM, COPPER AND LEAD FROM ELECTROPLATING WASTEWATER BY ELECTROGENERATIVE SYSTEM

2012 GERAN PENYELIDIKAN PENTADBIR COMPLETED MAIN RESEARCHER

### 3. BIOSORPTIONS OF HEAVY METALS FROM AQUEOUS SOLUTION BY DESSICATED COCONUT RESIDUE: CHARACTERIZATION,

2011 GERAN PENYELIDIKAN FUNDAMENTAL COMPLETED MAIN RESEARCHER

### 4. DETERMINATION OF PHTHALATES LEVELS IN COOKING OIL - A POTENTIAL RISK TO CONSUMERS

2010 GERAN PENYELIDIKAN FUNDAMENTAL COMPLETED MAIN RESEARCHER

### 5. PENENTUAN KANDUNGAN LOGAM BERAT DI DALAM PRODUK KERING HASIL LAUT

2006 GERAN PENYELIDIKAN FUNDAMENTAL COMPLETED MAIN RESEARCHER

# PUBLICATION

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## 1. DRAFT MALAYSIAN STANDARD -DMS 1500:2020 (BM)

2020 POLICY

## 2. MALAYSIAN STANDARD MS1500:2019-HALAL FOOD-GENERAL REQUIREMENTS (THIRD REVISION)

2019 POLICY

## 3. PHYSICOCHEMICAL PROPERTIES OF ACTIVATED CARBON ELECTRODES DERIVED FROM DESICCATED COCONUT RESIDUE AND EFFECTS OF AQUEOUS ELECTROLYTES ON SUPERCAPACITOR PERFORMANCE

JURNAL TEKNOLOGI

2017 JOURNAL SCOPUS MAIN AUTHOR

## 4. GENETIC VARIABILITY FOR YIELD, YIELD COMPONENTS AND FATTY ACID TRAITS IN OIL PALM (ELAEIS GUINEENSIS JACQ.) GERMPLASM USING MULTIVARIATE TOOLS.

INTERNATIONAL JOURNAL OF AGRICULTURE, FORESTRY AND PLANTATION,

2016 JOURNAL SSCI MAIN AUTHOR

## 5. GENETIC DIVERSITY IN OIL PALM GERMPLASM AS SHOWN BY HIERARCHICAL CLUSTERING METHODS

INTERNATIONAL JOURNAL OF RECENT SCIENTIFIC RESEARCH

2015 JOURNAL SCI MAIN AUTHOR

## 6. MULTIVARIATE ANALYSIS OF VEGETATIVE AND PHYSIOLOGICAL TRAITS IN OIL PALM (ELAIES GUINEENSIS JACQ) GERMPLASM

EXPERT OPINION ON ENVIRONMENTAL BIOLOGY, SCITECHNOL

2015 JOURNAL SCI MAIN AUTHOR

## 7. ADSORPTION OF COPPER (II) ONTO ACTIVATED CARBON PREPARED FROM DESSICATED COCONUT RESIDUE

3RD INTERNATIONAL SCIENCE POSTGRADUATE CONFERENCE 2015 (ISPC 2015)

2015 PROCEEDING NON-INDEX MAIN AUTHOR

## 8. PREPARATION AND CHARACTERIZATION OF ACTIVATED CARBON FROM COCONUT DREGS BY CHEMICAL ACTIVATION

CONFERENCE ON NANO-& BIORESOURCES TECHNOLOGY 2015 (NBT 2015)

2015 PROCEEDING NON-INDEX MAIN AUTHOR

## 9. OPTIMIZATION OF POLYMER INCLUSION MEMBRANES (PIMS) PREPARATION FOR IMMOBILIZATION OF CHROME AZUROL S FOR OPTICAL SENSING OF ALUMINUM(III)

SENSORS AND ACTUATORS B 203 (2014) 465-470

2014 JOURNAL WOS MAIN AUTHOR

## 10. CHARACTERIZATION OF COCONUT (COCOS NUCIFERA L.) GRATED RESIDUE BY SEM, FTIR, TGA AND XRD ANALYSIS

INTERNATIONAL SEMINAR ON SCIENCE AND TECHNOLOGY 2014 UNIVERSITAS JEMBER JL. KALIMANTAN NO. 37 JEMBER 68121

2014 PROCEEDING NON-INDEX MAIN AUTHOR

## 11. "PREPARATION, CHARACTERIZATION AND ADSORPTION PERFORMANCE OF THE KOH-ACTIVATED CARBON DERIVED FROM DESICCATED COCONUT RESIDUE FOR COPPER REMOVAL FROM WASTE WATER"

I-INOVA 14

2014 PROCEEDING NON-INDEX MAIN AUTHOR

## 12. ADSORPTION OF CADMIUM AND COPPER ONTO DESICCATED COCONUT RESIDUE: EFFECT OF PARAMETERS

REGIONAL FUNDAMENTAL SCIENCE CONGRESS (FSC2014).

2014 PROCEEDING NON-INDEX MAIN AUTHOR

## 13. SCI2011 INORGANIC CHEMISTRY LAB MANUAL

SCI2011 LAB MANUAL

2014 CHAPTER IN BOOK MAIN AUTHOR

# PUBLICATION

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## 14. COLOR MEASUREMENTS OF ELECTROPLATED GOLD FILM ON HULL CELL PANELS.

INTERNATIONAL JOURNAL OF RESEARCH IN ENGINEERING AND TECHNOLOGY

2013 JOURNAL SCI MAIN AUTHOR

## 15. BIOREMEDIATION OF CU(II) FROM AQUEOUS SOLUTION USING DESICCATED COCONUT RESIDUE

CONFERENCE ON INDUSTRY-ACADEMIA JOINT INITIATIVES IN BIOTECHNOLOGY (CIA: BIOTECH13), 5 - 7 DECEMBER 2013

2013 PROCEEDING NON-INDEX MAIN AUTHOR

## 16. OPTIMIZATION OF DIGESTION METHOD FOR DETERMINATION OF ARSENIC IN SHRIMP PASTE SAMPLE USING ATOMIC ABSORPTION SPECTROMETRY

FOOD CHEMISTRY

2012 JOURNAL WOS MAIN AUTHOR

## 17. AMALAN TERBAIK PEMANTAPAN PENGAJARAN DAN PEMBELAJARAN DI UNIVERSITI SAINS ISLAM MALAYSIA

AMALAN TERBAIK PEMANTAPAN PENGAJARAN DAN PEMBELAJARAN DI INSTITUSI PENGAJIAN TINGGI AWAM MALAYSIA

2012 CHAPTER IN BOOK MAIN AUTHOR

## 18. DEVELOPMENT OF AN ECONOMICAL MICROWAVE DIGESTION METHOD FOR DETERMINATION OF ARSENIC IN SHRIMP PASTE

EXTECH 2011- 13TH INTERNATIONAL SYMPOSIUM ON ADVANCES IN EXTRACTION TECHNOLOGIES 2011

2011 PROCEEDING NON-INDEX MAIN AUTHOR

## 19. GOLD ELECTROPLATING: STUDIES ON FORMULATIONS FOR GOLD ALLOY PLATING BATH TO PRODUCE DIFFERENT SHADES OF ELECTRODEPOSITS

2010 BOOK MAIN AUTHOR

# CONSULTATION

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## 1. LATIHAN KOMPETENSI JURU AUDIT HALAL JAKIM BAGI SKIM FARMACEUTICAL

JAKIM

2018 NATIONAL

## 2. CSR @ IHRAM

QSR

2018 OTHERS

## 3. 'COMPETENCY TRAINING OF PHARMACEUTICAL SCHEME FOR HALAL AUDITORS'

JAKIM

2018 NATIONAL

## 4. HALAL FOOD FORENSIC TRAINING

POLITEKNIK NILAI

2018 OTHERS

## 5. PHEP- 4 SERIES

IHRAM

2018 OTHERS

# AWARDS/RECOGNITION

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## 1. ACADEMIC ADVISOR

MAJLIS PROFESIONAL HALAL- JAKIM

2022 NATIONAL

## 2. ACADEMIC ADVISOR

MUIS HALAL HUB

2022 NATIONAL

## 3. ACADEMIC ADVISOR

MUIS HALAL HUB

2022 NATIONAL

## 4. ACADEMIC ADVISOR

MAJLIS PROFESIONAL HALAL

2021 NATIONAL

## 5. HALAL@SCHOOL

INTERNATIONAL CONFERENCE AND EXPOSITION ON INVENTIONS BY INSTITUTIONS OF HIGHER LEARNING (PECIPTA'19)

2019 ANTARABANGSA SILVER