

Profile Image

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Faculty: Fakulti Sains
Dan Teknologi

SUPERVISION

PhD - Completed: 0, Ongoing: 0

Master - Completed: 3,
Ongoing: 1

AREAS OF EXPERTISE

Magnetic Materials

Nano Materials

Ionic Liquids

Biomass Products

Cellulosic And Fibre Technology (including Nano Cellulosic Materials)

ACADEMIC QUALIFICATION

PhD in Kimia (2016)

Master in Kejuruteraan Kimia (2011)

Bachelor in Kimia Perindustrian (2008)

RESEARCH

1. CONVERSION OF SACRED-PAPER-DERIVED GLUCOSE TO OXYGEN-RICH GAS VIA ANAEROBIC DIGESTION AS AN ALTERNATIVE TO INCINERATING SACRED PAPER

2024 GERAN PENYELIDIKAN TRANSDISIPLINARI ON GOING MAIN RESEARCHER

2. CONVERSION OF PAPER WASTE CONTAINING HOLY WORDS TO LACTIC ACID: TOWARDS INTEGRATING NAQLI AND AQLI

2019 GERAN KPT COMPLETED MAIN RESEARCHER

3. MAGNETITE-POLYVINYLPYRROLIDONE NANOCOMPOSITES AS ADSORBENTS FOR THE REMOVAL OF OIL SPILLS FROM AQUEOUS ENVIRONMENTS

2018 GERAN PENYELIDIKAN USIM COMPLETED MAIN RESEARCHER

PUBLICATION

1. CABARAN KONTEMPORARI DALAM MEMBENTUK KEPIMPINAN DAN SAHSIAH PELAJAR: STRATEGI PENGETUA-PENGETUA DI UNIVERSITI SAINS ISLAM MALAYSIA

SEMINAR PENGURUSAN ASRAMA PERINGKAT KEBANGSAAN 2024 (SPARK 2024)

2024 PROCEEDING NON-INDEX MAIN AUTHOR

2. ISU DAN CABARAN MEDIA SOSIAL TERHADAP PEMBANGUNAN SAHSIAH PELAJAR: PENGALAMAN DALAM KALANGAN PENGETUA DI UNIVERSITI SAINS ISLAM MALAYSIA

SEMINAR PENGURUSAN ASRAMA PERINGKAT KEBANGSAAN (SPARK 2024)

2024 PROCEEDING NON-INDEX MAIN AUTHOR

3. A PRELIMINARY STUDY OF CATALYTIC HYDROTHERMAL CONVERSION OF CELLULOSE TO LACTIC ACID: EFFECTS OF REACTION TEMPERATURE AND METAL ION CATALYST

JOURNAL OF PHYSICS: CONFERENCE SERIES

2020 JOURNAL SCOPUS MAIN AUTHOR

4. UNCATALYSED POLYCONDENSATION OF LACTIC ACID TO POLYLACTIC ACID UNDER MICROWAVE IRRADIATION: EFFECT OF MICROWAVE POWER

JOURNAL OF PHYSICS.: CONFERENCE SERIES

2020 JOURNAL SCOPUS MAIN AUTHOR

5. TRIETHYLAMMONIUM HYDROGEN SULFATE IONIC LIQUID AS A LOW-COST SOLVENT: A SHORT REVIEW OF SYNTHESIS, ANALYSIS AND APPLICATIONS

MATEC WEB OF CONFERENCES

2019 JOURNAL PROQUEST MAIN AUTHOR

6. POLY(VINYLPYRROLIDINONE)-IRON MAGNETIC NANOCOMPOSITES AS SORBENTS FOR EFFECTIVE OIL REMOVAL FROM WATER

AIP CONFERENCE PROCEEDINGS

2018 JOURNAL SCOPUS MAIN AUTHOR

7. DECONSTRUCTION OF MALAYSIAN AGRO-WASTES WITH INEXPENSIVE AND BIFUNCTIONAL TRIETHYLAMMONIUM HYDROGEN SULFATE IONIC LIQUID

AIP CONFERENCE PROCEEDINGS

2018 JOURNAL SCOPUS MAIN AUTHOR

CONSULTATION

1. RESOURCE CIRCULARITY OF LITHIUM-ION BATTERIES WASTE

PETRONAS RESEARCH SDN BHD

2022 NATIONAL

AWARDS/RECOGNITION

1. VISITING SCHOLAR

SHIBAURA INSTITUTE OF TECHNOLOGY

2024 INTERNATIONAL

2. CONVERSION OF WASTEPAPER TO GLUCOSE AS AN ALTERNATIVE TO INCINERATION: TECHNO-ECONOMIC ANALYSIS AND SAFETY ASSESSMENT

4TH INNOVATION BANK CHALLENGE 2024 (IBC 2024)

2024 UNIVERSITI SILVER

3. CONVERSION OF WASTEPAPER TO GLUCOSE AS AN ALTERNATIVE TO INCINERATION: TECHNO-ECONOMIC ANALYSIS AND SAFETY ASSESSMENT

SCIENCE AND TECHNOLOGY RESERACH EXPO (SCITEX@20TH FST)

2023 UNIVERSITI GOLD

4. VISITING SCHOLAR

ANKARA UNIVERSITY, TURKEY

2022 INTERNATIONAL

5. SCHOLARSHIP FOR POST-DOCTORAL STUDIES - IMPERIAL COLLEGE LONDON

2021 INTERNATIONAL