

Profile Image

**DR. MOHAMAD AZANI BIN
ABD KHADIR JALANI**

PENSYARAH UNIVERSITI DS13

CONTACT

Phone: 067980138

E-mail:

mazani@usim.edu.my

Faculty: Kolej Permata Insan

SUPERVISION

PhD - Completed: 0, Ongoing: 0

Master - Completed: 0, Ongoing: 0

AREAS OF EXPERTISE

Nanotechnology

Other Advanced Materials N.e.c.

Applied Chemistry

ACADEMIC QUALIFICATION

PhD in Kimia (2018)

Bachelor in Kimia (2012)

RESEARCH

1. STRUCTURAL-OPTICAL PROPERTIES RELATIONSHIP OF GOLD
NANOPARTICLES EMBEDDED IN POROUS ALUMINA MEMBRANE
FOR CATALYTIC TREATMENT OF WASTEWATER

2020

GERAN KPT

COMPLETED

MAIN RESEARCHER

PUBLICATION

1. KIMIA

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

2022

CHAPTER IN BOOK

MAIN AUTHOR

2. SAINS

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

2022

CHAPTER IN BOOK

MAIN AUTHOR

3. HIGHLY ORDERED MESOPOROUS SILICA FILM NANOCOMPOSITES CONTAINING GOLD NANOPARTICLES FOR THE CATALYTIC REDUCTION OF 4-NITROPHENOL

BEILSTEIN JOURNAL OF NANOTECHNOLOGY

2019

JOURNAL

ERA

MAIN AUTHOR

4. SIZE-EXCLUSION LIQUID CHROMATOGRAPHY FOR EFFECTIVE PURIFICATION OF AMPHIPHILIC TRINUCLEAR GOLD (I) PYRAZOLATE COMPLEX

MALAYSIAN JOURNAL OF FUNDAMENTAL AND APPLIED SCIENCES (MJFAS)

2018

JOURNAL

WOS

MAIN AUTHOR

5. SYNTHESIS OF MESOPOROUS SILICA NANOCOMPOSITES FOR PREPARATION OF GOLD NANOPARTICLES

ADVANCED MATERIALS RESEARCH

2014

JOURNAL

ERA

MAIN AUTHOR

6. THERMAL HYDROGEN REDUCTION FOR SYNTHESIS OF GOLD NANOPARTICLES IN THE NANOCHANNELS OF MESOPOROUS SILICA COMPOSITE

JURNAL TEKNOLOGI (SCIENCES AND ENGINEERING)

2014

JOURNAL

SCOPUS

MAIN AUTHOR

AWARDS/RECOGNITION

1. ANUGERAH INOVASI TERBAIK (NOVEMBER 2024)

2024

UNIVERSITY

2. ANUGERAH PENULIS CEMERLANG APRIL 2024

2024

OTHERS

3. ANUGERAH PENYELIDIK TERBAIK 2024

2024

OTHERS

4. ANUGERAH INOVASI TERBAIK (SEPTEMBER 2024)

2024

UNIVERSITY

5. ANUGERAH INOVASI TERBAIK (OKTOBER 2024)

2024

UNIVERSITY