Profile Image

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PENSYARAH UNIVERSITI DS13

CONTACT

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E-MAIL
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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. **BIODEGRADATION PATHWAY OF NEW EMERGING POLLUTANTS BY NEWLY ISOLATED FUNGI**

2018 | GERAN PENYELIDIKAN HEADSTART PROGRAM | COMPLETED | MAIN 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. 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

4. RESEARCH ON BLACK GINGER (KAEMPFERIA PARVIFLORA)

INSAN JUNIOR INTERNATIONAL RESEARCHERS CONFERENCE (IJURECON 2022)

2022 PROCEEDING NON-INDEX MAIN AUTHOR

5. 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

6. 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

7. COMPARING THE BIOACTIVE COMPOUNDS OF CRESCENTIA CUJETE TO PAINKILLER

INSAN JUNIOR INTERNATIONAL RESEARCHERS CONFERENCE (IJURECON 2022)

2022 PROCEEDING OTHER DATABASE MAIN AUTHOR

8. 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

9. 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

10. 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

PUBLICATION

11. MODUL 4: SISTEM PENAPISAN AIR

MENZAHIR RAHSIA ALAM

2020 CHAPTER IN BOOK MAIN AUTHOR

12. 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

13. 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

14. 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

15. 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

16. 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

17. 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

18. 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

AWARDS/RECOGNITION

1. STAF CONTOH (KATEGORI AKADEMIK)

2025 UNIVERSITY

AWARDS/RECOGNITION

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