



DR. EHWAN BIN NGADI

PENSYARAH UNIVERSITI DS13

CONTACT

Phone:

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Faculty: Kolej Permata Insan

SUPERVISION

PhD - Completed: 0, Ongoing: 0

Master - Completed: 0, Ongoing: 0

AREAS OF EXPERTISE

ACADEMIC QUALIFICATION

PhD in Zoologi (2018)

Master in Biologi Pemuliharaan (2012)

Bachelor in Biologi (2008)

RESEARCH

1. ASSESSMENT ON POPULATION SIZE ESTIMATION AND PARASITE SURVEILLANCE OF WATER MONITOR LIZARD IN ITS LEGAL HARVESTING LANDSCAPES IN PAHANG, MALAYSIA

2024 GERAN KPT ON GOING MAIN RESEARCHER

2. PEMBANGUNAN PEMPROFILAN KECENDERONGAN MURID PINTAR BERBAKAT MUSLIM KOLEJ PERMATA INSAN

2024 GERAN PENYELIDIKAN PUSAT TANGGUNGJAWAB (PTJ) ON GOING
CO-RESEARCHER

3. MOLECULAR DESIGN AND EXTENSIVE STRUCTURE-ACTIVITY RELATIONSHIP (SAR) STUDIES OF β -CARBOLINE ANALOGUE AS ANTIMICROBIAL THERAPEUTIC AGENT

2022 GERAN SEPADAN AGENSI KERAJAAN ON GOING CO-RESEARCHER

4. MAPPING THE TENDENCIES OF SCIENCE AND MEMORIZATION OF THE QURAN AMONG GIFTED AND TALENTED MUSLIMS STUDENTS

2021 GERAN PENYELIDIKAN KHAS COMPLETED CO-RESEARCHER

5. PENEROKAAN POTENSI KOMPONEN FLORISTIK DAN FAUNASTIK DI KAMPUS USIM, NILAI: KE ARAH KAMPUS HIJAU YANG LESTARI

2020 GERAN PENYELIDIKAN USIM RACER COMPLETED MAIN RESEARCHER

RESEARCH

6. ANTIMICROBIAL, ANTIFUNGAL, ANTIOXIDANT AND ANTICANCER OF BETA-GLUCAN FROM ?CENDAWAN BUSUT? (TERMITOMYCES SP.) LOCALLY ISOLATED IN NEGERI SEMBILAN: A QUAD FUNCTIONAL NATURAL BIOACTIVE COMPOUND.

2019

GERAN PENYELIDIKAN USIM

ON GOING

CO-RESEARCHER

PUBLICATION

1. COMBATING ILLEGAL TRADE OF MONITOR LIZARDS (*VARANUS SPP*) IN MALAYSIA THROUGH DNA BARCODING APPLICATIONS

IOP CONFERENCE SERIES: EARTH AND ENVIRONMENTAL SCIENCE, VOLUME 1408, 1ST NATIONAL CONFERENCE ON INTEGRATING RESEARCH IN AGRICULTURE, FOOD AND COMMUNICABLE DISEASES TOWARDS ACHIEVING SUSTAINABLE DEVELOPMENT GOALS (IRAFCD 2024)

2024 PROCEEDING SCOPUS CORRESPONDING AUTHOR

2. COMMERCIAL TRADE AND CONSERVATION: DNA BARCODING OF WILD RETICULATED PYTHON (*MALAYOPYTHON RETICULATUS*) (SCHNEIDER, 1801) FOR SUSTAINABLE MANAGEMENT

1ST NATIONAL CONFERENCE ON INTEGRATING RESEARCH IN AGRICULTURE, FOOD AND COMMUNICABLE DISEASES TOWARDS ACHIEVING SUSTAINABLE DEVELOPMENT GOALS (IRAFCD 2024)

2024 PROCEEDING SCOPUS CORRESPONDING AUTHOR

3. UNLOCKING THE POTENTIAL OF EDIBLE MALAY HERBS BY USING FOURIER-TRANSFORMED INFRARED SPECTROSCOPY APPROACH

INSAN JUNIOR RESEARCHER INTERNATIONAL CONFERENCE AND INOVATION (IJURECON 2024)

2024 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

4. PREPARATION OF ETHANOLIC EXTRACT OF *ELETTARIOPSIS CURTISII* (ZINGIBERACEAE) LEAVES AND ROOTS BY USING SOXHLET EXTRACTION

INSAN JUNIOR RESEARCHER INTERNATIONAL CONFERENCE 2024 (IJURECON 2024)

2024 PROCEEDING NON-INDEX CO-AUTHOR

5. EVALUATION OF ANTIOXIDANT AND PHYTOCHEMICAL PROPERTIES OF *PLEUROTUS SP.* MUSHROOM MYCELIUM SCIENCE AND TECHNOLOGY GRADUATES COLLOQUIUM (KOSIST)

2024 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

6. PREPARATION OF ETHANOLIC EXTRACT OF *ELETTARIOPSIS CURTISII* (ZINGIBERACEAE) LEAVES AND ROOTS BY USING SOXHLET EXTRACTION

5TH INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE & INNOVATION 2024 (IJURECON 2024)

2024 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

7. FUNCTIONAL GROUP AND PHYTOCHEMICAL PROPERTIES DETECTION OF *PEPEROMIA PELLUCIDA* LEAVES EXTRACT ASIAN JOURNAL OF FUNDAMENTAL AND APPLIED SCIENCES

2023 JOURNAL MYCITE CO-AUTHOR

8. DETERMINATION OF FUNCTIONAL GROUPS AND PHYTOCHEMICAL PROPERTIES OF VARIOUS CRUDE EXTRACT FROM *PEPEROMIA PELLUCIDA* LEAVES

INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE (IJURECON 2023)

2023 PROCEEDING NON-INDEX CO-AUTHOR

9. DETERMINATION OF ANTIOXIDANTS COMPOUNDS FROM *PANGIUM EDULE*

INSAN INTERNATIONAL JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE (IJURECON 2023)

2023 PROCEEDING NON-INDEX CO-AUTHOR

10. DETERMINATION OF ANTIOXIDANTS COMPOUNDS FROM *PANGIUM EDULE*

4TH INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE 2023 (IJURECON 2023)

2023 PROCEEDING NON-INDEX CO-AUTHOR

11. DETERMINATION OF FUNCTIONAL GROUPS AND PHYTOCHEMICAL PROPERTIES OF VARIOUS CRUDE EXTRACT FROM *PEPEROMIA PELLUCIDA*

4TH INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE 2023 (IJURECON 2023)

2023 PROCEEDING NON-INDEX CO-AUTHOR

12. AN ENVIRONMENTAL MICROBIOLOGY CLASSROOM FOR HYGIENIC AWARENESS AMONG HIGH SCHOOL STUDENTS

4TH INTERNATIONAL CONFERENCE ON RECENT ADVANCEMENTS IN SCIENCE AND TECHNOLOGY (ICORAST 2023)

2023 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

13. EVALUATION OF PHYTOCHEMICALS AND ANTIOXIDANT ANALYSIS OF *NEPETA CATARIA* (CATNIP) LEAVES EXTRACTS

4TH INTERNATIONAL CONFERENCE ON RECENT ADVANCEMENTS IN SCIENCE AND TECHNOLOGY (ICORAST 2023)

2023 PROCEEDING MYCITE CORRESPONDING AUTHOR

PUBLICATION

14. A NOTE ON THE NEW RECORD OF THE REPTILE FAUNA IN PULAU TINGGI, JOHOR, MALAYSIA

JOURNAL OF SUSTAINABILITY SCIENCE AND MANAGEMENT

2022 JOURNAL SCOPUS CORRESPONDING AUTHOR

15. TEMPORAL VARIATION OF AMPHIBIANS ON GUNUNG RAYA, PULAU LANGKAWI, KEDAH, PENINSULAR MALAYSIA

MALAYAN NATURE JOURNAL

2022 JOURNAL SCOPUS MAIN AUTHOR

16. KECENDERUNGAN MINAT MURID PINTAR DAN BERBAKAT MUSLIM DALAM BIDANG SAINS

E-PROCEEDINGS 3RD INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE 2022 (IJURECON 2022)

2022 PROCEEDING NON-INDEX CO-AUTHOR

17. FUNCTIONAL GROUPS? CHARACTERIZATION OF OIL FROM BAECKEA FRUTESCENS USING ATTENUATED TOTAL REFLECTANCE-FOURIER TRANSFORM INFRARED SPECTROSCOPY (ATR-FTIR)

3RD INSAN JUNIOR RESEARCHER INTERNATIONAL CONFERENCE 2022

2022 PROCEEDING NON-INDEX CO-AUTHOR

18. CHARACTERIZATION OF ACTIVE COMPOUNDS OF PEPPEROMIA PELLUCIDA'S OIL USING GAS CHROMATOGRAPHY-MASS SPECTROMETRY (GC-MS)

3RD INSAN JUNIOR RESEARCHER INTERNATIONAL CONFERENCE (IJURECON 2022)

2022 PROCEEDING NON-INDEX CO-AUTHOR

19. LQA ABQARI TM IN BIOLOGY SUBJECT: A LEARNING TECHNIQUE IN INTEGRATION OF NAQLI AND AQLI KNOWLEDGE FOR GIFTED AND TALENTED MUSLIM STUDENTS

19TH KUALA LUMPUR INTERNATIONAL COMMUNICATION, EDUCATION, LANGUAGE & SOCIAL SCIENCE CONFERENCE 2022

2022 PROCEEDING OTHER DATABASE MAIN AUTHOR

20. KGI DI PERSADA DUNIA

LAPORAN TAHUNAN KOLEJ GENIUS INSAN 2021

2022 CHAPTER IN BOOK CO-AUTHOR

21. BIOLOGY TAHAP 1

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

2022 CHAPTER IN BOOK MAIN AUTHOR

22. BIOLOGY TAHAP 1 ALI

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

2022 CHAPTER IN BOOK MAIN AUTHOR

23. BIOLOGY

MODUL PENGAJARAN DAN PEMBELAJARAN SERTA PENTAKSIRAN BERSEPADU KURIKULUM PENDIDIKAN PINTAR BERBAKAT, INTEGRASI NAQLI DAN AQLI (IGED), TAHAP 2

2022 CHAPTER IN BOOK MAIN AUTHOR

24. BIOLOGY

MODUL PENGAJARAN DAN PEMBELAJARAN SERTA PENTAKSIRAN BERSEPADU KURIKULUM PENDIDIKAN PINTAR BERBAKAT, INTEGRASI NAQLI DAN AQLI (IGED), TAHAP 2 HAMZAH

2022 CHAPTER IN BOOK MAIN AUTHOR

25. ISOLATION, IDENTIFICATION, CULTIVATION AND DETERMINATION OF ANTIMICROBIAL β -GLUCAN FROM A WILD-TERMITE MUSHROOM TERMITOMYCES HEIMII RFES 230662

BIOCATALYSIS AND AGRICULTURE BIOTECHNOLOGY

2021 JOURNAL WOS CO-AUTHOR

26. HABITAT PREFERENCES DICTATE AMPHIBIAN ASSEMBLAGE AND DIVERSITY IN LANGKAWI ISLAND, KEDAH, PENINSULAR MALAYSIA

SAINS MALAYSIANA

2021 JOURNAL ISI AND SCOPUS MAIN AUTHOR / CONTACT PERSON IN USIM

PUBLICATION

27. RECOVERY OF BIRD COMMUNITIES FOLLOWING THE CONSTRUCTION OF A LARGE-SCALE HYDROELECTRIC DAM ECOLOGICAL PROCESSES

2021 JOURNAL ERA MAIN AUTHOR / CONTACT PERSON IN USIM

28. PHYSICAL FACTORS AT SALT LICKS INFLUENCED THE FREQUENCY OF WILDLIFE VISITATION IN THE MALAYSIAN TROPICAL RAINFOREST

TROPICAL ZOOLOGY

2020 JOURNAL ISI MAIN AUTHOR / CONTACT PERSON IN USIM

29. A PRELIMINARY SURVEY OF HERPETOFAUNA AT DELTA TUMPAT MANGROVE FOREST, KELANTAN, MALAYSIA
JOURNAL OF WILDLIFE AND PARKS

2020 JOURNAL MYCITE MAIN AUTHOR / CONTACT PERSON IN USIM

30. SHORT COMMUNICATION: A NOTE ON THE NEW RECORD OF THE AMPHIBIAN FAUNA IN PULAU TINGGI, MALAYSIA
BIODIVERSITAS

2020 JOURNAL SCOPUS CO-AUTHOR

31. A PRELIMINARY SURVEY OF HERPETOFAUNA AT DELTA TUMPAT MANGROVE FOREST, KELANTAN
JOURNAL OF WILDLIFE AND PARKS

2020 JOURNAL MYCITE CO-AUTHOR

32. AMPHIBIANS AND REPTILES SURVEY AT TASIK PERGAU, JELI, KELANTAN AND ITS UPDATED CHECKLIST
2ND INTERNATIONAL CONFERENCE TROPICAL RESOURCES AND SUSTAINABLE SCIENCES (CTRESS 2.0)

2020 PROCEEDING NON-INDEX MAIN AUTHOR

33. DOCUMENTATION ON POTENTIAL HERBAL PLANT FOR SNAKEBITE TREATMENT
IJURECON 2020

2020 PROCEEDING NON-INDEX CO-AUTHOR

34. DNA-BASED METHOD FOR CAPRA AEGAGRUS HIRCUS OF RAW AND FACTORY-MADE MILK
KOLOKIUUM SISWAZAH FAKULTI SAINS DAN TEKNOLOGI USIM 2020

2020 PROCEEDING NON-INDEX CO-AUTHOR

35. ISOLATION AND PRODUCTION OF POLYSACCHARIDE FROM LOCALLY ISOLATED TERMITOMYCES SP. MUSHROOM
KOLOKIUUM SISWAZAH FAKULTI SAINS DAN TEKNOLOGI USIM 2020

2020 PROCEEDING NON-INDEX CO-AUTHOR

36. EXTRACTION AND DETERMINATION OF BIOACTIVE COMPOUNDS FROM PREMNA FOETIDA LEAVES
IJURECON 2020

2020 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

37. INVESTIGATION OF BLOOD PARASITES OF BIRDS AND RODENTS AT TASIK ABRAR UNIVERSITI SAINS ISLAM MALAYSIA

IJURECON 2020

2020 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

38. INVESTIGATION ON POTENTIAL OF GREEN AREA FOR ESTABLISHMENT OF FOREST IN UNIVERSITY CAMPUS
INTERNATIONAL JUNIOR FOREST COMPETITION

2020 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

39. IDENTIFICATION OF DIATOMS IN UNIVERSITI SAINS ISLAM MALAYSIA RESERVOIR PONDS, NEGERI SEMBILAN, MALAYSIA

INSAN JUNIOR RESEARCHER CONFERENCE 2020

2020 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

PUBLICATION

40. REPORT 1: SHORT CENSUS ON POPULATION ESTIMATION OF RETICULATED PYTHON (*MALAYOPYTHON RETICULATUS*) AND MONITOR LIZARD (*VARANUS SALVATOR*) AT JOHOR, PENINSULAR MALAYSIA

2020

POLICY

41. REPORT 2: SHORT CENSUS ON POPULATION ESTIMATION OF RETICULATED PYTHON (*PYTHON RETICULATUS*) AND MONITOR LIZARD (*VARANUS SALVATOR*) AT JOHOR, PENINSULAR MALAYSIA: MERSING

2020

POLICY

42. SPECEIS RICHNESS AND DIVERSITY OF AMPHIBIANS AND REPTILIANS IN PULAU PANGKOR, PERAK, PENINSULAR MALAYSIA.

THE MALAYSIAN FORESTER

2019

JOURNAL

SCOPUS

CO-AUTHOR

43. MOLECULAR DATA CONFIRM THE PRESENCE OF *NYCTICEBUS BENGALENSIS* ON LANGKAWI ISLAND, MALAYSIA
BIODIVERSITAS

2019

JOURNAL

ISI AND SCOPUS

CO-AUTHOR

44. SPECIES RICHNESS AND DISTRIBUTIONAL PATTERN OF AMPHIBIANS ALONG AN ELEVATIONAL GRADIENT AT GUNUNG RAYA, PULAU LANGKAWI, KEDAH, MALAYSIA.

SAINS MALAYSIANA

2018

JOURNAL

SCOPUS

MAIN AUTHOR

CONSULTATION

1. KAJIAN POPULASI SPESIES ULAR SAWA DAN BIAWAK AIR DI NEGERI PERAK

KEMENTERIAN TENAGA DAN SUMBER ASLI

2022

NATIONAL

AWARDS/RECOGNITION

1. EVALUATION OF ANTIOXIDANT AND PHYTOCHEMICAL PROPERTIES OF PLEUROTUS SP. MUSHROOM MYCELIUM

Semarak International Research Article Competition 2024 (SIRAC 2024)

2024

ANTARABANGSA

SILVER

2. NUTRACEUTICALS FROM BUSHLAND: DETERMINATION OF MEDICINAL VALUE OF MALAYSIAN WILD HERBS FOR HYGENIC TRAVEL SOAP

Semarak International Research Article Competition 2024 (SIRAC 2024)

2024

ANTARABANGSA

SILVER

3. HADIAH UTAMA PERTANDINGAN MENCIPTA SLOGAN ITBM SEMPENA PESTA BUKU ANTARABANGSA KUALA LUMPUR (2023)

2023

NATIONAL

4. KECENDERUNGAN MINAT MURID PINTAR DAN BERBAKAT MUSLIM DALAM BIDANG SAINS

INTERNATIONAL CONFERENCE 2022 (IJURECON 2022)

2022

ANTARABANGSA

GOLD