Profile Image

DR. EHWAN BIN NGADI

PENSYARAH UNIVERSITI DS13

CONTACT

PHONE

E-MAIL

ehwan@usim.edu.my

FACULTY

Kolej Permata Insan

SUPERVISION

	COMPLETED	ONGOING
PhD	0	0
Master	0	0

AREAS OF EXPERTISE

Herpetology | Terrestrial Ecology | Population Ecology

ACADEMIC QUALIFICATION

2018 **PhD** - Zoologi

2012 **Master** - Biologi Pemuliharaan

2008 **Bachelor** - Biologi

RESEARCH

1. DEVELOPMENT OF AN INTEGRATED SCREENING INSTRUMENT FOR MUSLIM GIFTED AND TALENTED STUDENTS

2025 | GERAN PENYELIDIKAN PUSAT TANGGUNGJAWAB (PTJ) | ON GOING | CO-RESEARCHER

2. 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

3. PEMBANGUNAN PEMPROFILAN KECENDERUNGAN MURID PINTAR BERBAKAT MUSLIM KOLEJ PERMATA INSAN

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

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

2022 | GERAN SEPADAN AGENSI KERAJAAN | ON GOING | CO-RESEARCHER

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

2021 | GERAN PENYELIDIKAN KHAS | COMPLETED | CO-RESEARCHER

RESEARCH

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

2020 | GERAN PENYELIDIKAN USIM RACER | COMPLETED | MAIN RESEARCHER

7. 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. EVALUATING BIOACTIVE POLYSACCHARIDES IN MARKETED MUSHROOMS: TOWARDS NATURAL ALTERNATIVES TO SYNTHETIC DRUG

INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN FOOD SCIENCE AND AGRICULTURAL TECHNOLOGY

2025 | JOURNAL | OTHER DATABASE | CORRESPONDING AUTHOR

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

INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN FOOD SCIENCE AND AGRICULTURAL TECHNOLOGY

2025 | JOURNAL | OTHER DATABASE | CORRESPONDING AUTHOR

3. ETHOLOGY OF NOCTURNAL MOTHS: AN EXPLORATION OF THE CONCEPT OF FAR?SH

6TH INSAN JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE AND INNOVATION

2025 | PROCEEDING | MYCITE | MAIN AUTHOR

4. AN INTRODUCTION TO GIFTED EDUCATION

2025 | BOOK

5. AN INTRODUCTION TO CIFTED EDUCATION

2025 | BOOK

6. KAEDAH PEMILIHAN MURID KE KOLEJ PERMATA INSAN

KOLEJ PERMATA INSAN: MEMBANGUN ERA PENDIDIKAN PINTAR BERBAKAT NEGARA

2025 | CHAPTER IN BOOK | CO-AUTHOR

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

ASIAN JOURNAL OF FUNDAMENTAL AND APPLIED SCIENCES

2024 | JOURNAL | OTHER DATABASE | CORRESPONDING AUTHOR

8. 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

PUBLICATION

9. 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

10. 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

11. 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

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

SCIENCE AND TECHNOLOGY GRADUATES COLLOQUIUM (KOSIST)

2024 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

13. 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

14. FUNCTIONAL GROUP AND PHYTOCHEMICAL PROPERTIES DETECTION OF PEPEROMIA PELLUCIDA LEAVES EXTRACT

ASIAN JOURNAL OF FUNDAMENTAL AND APPLIED SCIENCES

2023 JOURNAL MYCITE CO-AUTHOR

15. 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

16. DETERMINATION OF ANTIOXIDANTS COMPOUNDS FROM PANGIUM EDULE

INSAN INTERNATIONAL JUNIOR RESEARCHERS INTERNATIONAL CONFERENCE (IJURECON 2023)

2023 PROCEEDING NON-INDEX CO-AUTHOR

17. DETERMINATION OF ANTIOXIDANTS COMPOUNDS FROM PANGIUM EDULE

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

2023 PROCEEDING NON-INDEX CO-AUTHOR

18. 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

PUBLICATION

19. 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

20. 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

21. 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

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

MALAYAN NATURE JOURNAL

2022 JOURNAL SCOPUS MAIN AUTHOR

23. 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

24. 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

25. 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

26. 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

27. KGI DI PERSADA DUNIA

LAPORAN TAHUNAN KOLEJ GENIUS INSAN 2021

2022 CHAPTER IN BOOK CO-AUTHOR

28. 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

PUBLICATION

29. 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

30. 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

31. 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

32. BAB 5: KGI DI PERSADA DUNIA (KEJAYAAN ALUMNI KGI)

LAPORAN TAHUNAN 2021 KOLEJ GENIUS INSAN

2022 CHAPTER IN BOOK MAIN AUTHOR

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

BIOCATALYSIS AND AGRICULTURE BIOTECHNOLOGY

2021 JOURNAL WOS CO-AUTHOR

34. 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

35. RECOVERY OF BIRD COMMUNITIES FOLLOWING THE CONSTRUCTION OF A LARGE-SCALE HYDROELECTRIC DAM

ECOLOGICAL PROCESSES

2021 JOURNAL ERA MAIN AUTHOR / CONTACT PERSON IN USIM

36. 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

37. 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

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

BIODIVERSITAS

2020 JOURNAL SCOPUS CO-AUTHOR

PUBLICATION

39. A PRELIMINARY SURVEY OF HERPETOFAUNA AT DELTA TUMPAT MANGROVE FOREST, KELANTAN

JOURNAL OF WILDLIFE AND PARKS

2020 JOURNAL MYCITE CO-AUTHOR

40. 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

41. DOCUMENTATION ON POTENTIAL HERBAL PLANT FOR SNAKEBITE TREATMENT

IJURECON 2020

2020 PROCEEDING NON-INDEX CO-AUTHOR

42. DNA-BASED METHOD FOR CAPRA AEGAGRUS HIRCUS OF RAW AND FACTORY-MADE MILK

KOLOKIUM SISWAZAH FAKULTI SAINS DAN TEKNOLOGI USIM 2020

2020 PROCEEDING NON-INDEX CO-AUTHOR

43. ISOLATION AND PRODUCTION OF POLYSACCHARIDE FROM LOCALLY ISOLATED TERMITOMYCES SP. MUSHROOM

KOLOKIUM SISWAZAH FAKULTI SAINS DAN TEKNOLOGI USIM 2020

2020 PROCEEDING NON-INDEX CO-AUTHOR

44. EXTRACTION AND DETERMINATION OF BIOACTIVE COMPOUNDS FROM PREMNA FOETIDA LEAVES

IJURECON 2020

2020 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

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

IJURECON 2020

2020 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

46. INVESTIGATION ON POTENTIAL OF GREEN AREA FOR ESTABLISHMENT OF FOREST IN UNIVERSITY CAMPUS

INTERNATIONAL JUNIOR FOREST COMPETITION

2020 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

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

INSAN JUNIOR RESEARCHER CONFERENCE 2020

2020 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

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

2020 POLICY

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

2020 POLICY

PUBLICATION

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

THE MALAYSIAN FORESTER

2019 JOURNAL SCOPUS CO-AUTHOR

51. MOLECULAR DATA CONFIRM THE PRESENCE OF NYCTICEBUS BENGALENSIS ON LANGKAWI ISLAND, MALAYSIA

BIODIVERSITAS

2019 JOURNAL ISI AND SCOPUS CO-AUTHOR

52. 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. JOURNAL PEER REVIEWER (PEWASIT ARTIKEL JURNAL)

LEMBAGA PEMEGANG AMANAH TAMAN-TAMAN SABAH

2025 NATIONAL

2. ECOSPARK: MINI BIOGAS DIGESTER FOR COOKING GAS AND FERTILIZER FOR RURAL AND FARMING COMMUNITIES

INSAN Junior Researchers International Conference (iJURECON 2025)

2025 ANTARABANGSA GOLD

3. DEVELOPMENT OF HERBAL LOZENGES FROM PUCUK MATA ITIK (ARDISIA ELLIPTICA) EXTRACT AS A NATURAL RMEDY FOR COUGH RELIEF

INSAN Junior Researchers International Conference (iJURECON 2025)

2025 ANTARABANGSA GOLD

4. SAPONIFICATION USING EXTRACTED OIL FROM ELETTARIOPSIS CURTISII AND BRUCEA AMARISSIMA

VIRTUAL INNOVATION COMPETITION 2025

2025 ANTARABANGSA GOLD

5. SAPONIFICATION USING EXTRACTED OIL FROM ELETTARIOPSIS CURTISII AND BRUCEA AMARISSIMA

INTERNATIONAL INVENTION,INNOVATION, AND DESIGN COMPETITION 2025

2025 ANTARABANGSA GOLD

AWARDS/RECOGNITION

6. SAPONIFICATION USING EXTRACTED OIL FROM ELETTARIOPSIS CURTISII AND BRUCEA AMARISSIMA

KUALA LUMPUR INTERNATIONAL INVENTION & INNOVATION SYMPOSIUM (KL3IS) 2025

2025 ANTARABANGSA GOLD

7. ETHOLOGY OF NOCTURNAL MOTHS: AN EXPLORATION OF THE CONCEPT OF FAR?SH&#xFFFD;

INSAN Junior Researchers International Conference (iJURECON 2025)

2025 ANTARABANGSA SILVER

8. ANUGERAH KEPIMPINAN TERPUJI

2024 OTHERS

9. ANUGERAH INOVASI TERBAIK (OKTOBER)

2024 OTHERS

10. ANUGERAH INOVASI TERBAIK (SEPTEMBER)

2024 OTHERS

11. ANUGERAH PENULIS JURNAL CEMERLANG (MEI)

2024 OTHERS

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

Semarak International Research Article Competition 2024 (SIRAC 2024)

2024 ANTARABANGSA SILVER

13. 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

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

2023 NATIONAL

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

INTERNATIONAL CONFERENCE 2022 (IJURECON 2022)

2022 ANTARABANGSA

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

INTERNATIONAL CONFERENCE 2022 (IJURECON 2022)

2022 ANTARABANGSA GOLD