



DR. SITI HUSNA BINTI HUSSEIN

PENSYARAH PERUBATAN DU14

CONTACT

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Faculty: Fakulti
Perubatan Dan Sains
Kesihatan

SUPERVISION

PhD - Completed: 0, Ongoing: 0

Master - Completed: 0,
Ongoing: 0

AREAS OF EXPERTISE

Ophthalmology (including Vision Sciences)

ACADEMIC QUALIFICATION

Sarjana Kepakaran in Oftalmologi (2022)

Bachelor in Mbbs (2011)

RESEARCH

1. EVALUATING PARENTAL KNOWLEDGE ON MYOPIA CONTROL AND ASSESSING MYOPIA PROGRESSION IN CHILDREN USING CORRECTIVE GLASSES

2025

GERAN PENYELIDIKAN PUSAT TANGGUNGJAWAB (PTJ)

ON GOING

CO-RESEARCHER

2. COMPARING THE EFFECTIVENESS OF RETINA FUNDUSCOPY USING DIRECT OPHTHALMOSCOPE AND HANDHELD NON-MYDRIATIC DIGITAL RETINA FUNDUS CAMERA IN MEDICAL PRACTICE.

2022

GERAN PENYELIDIKAN USIM

ON GOING

MAIN RESEARCHER

PUBLICATION

- 1. SOCIODEMOGRAPHIC CHARACTERISTICS AND REFRACTIVE ERROR PATTERNS AMONG MALAYSIAN CHILDREN AND ADOLESCENT FROM LOWER SOCIOECONOMIC BACKGROUNDS: FINDINGS FROM THE VISION FOR EDUCATION (V4E) PROGRAMME**

7TH ASEAN OPHTHALMOLOGY CONGRESS

2025

PROCEEDING

NON-INDEX

MAIN AUTHOR
- 2. REFRACTIVE ERRORS AND SOCIODEMOGRAPHIC CHARACTERISTICS OF MALAYSIAN CHILDREN FROM LOW-INCOME FAMILIES: V4E 2023 FINDINGS**

4TH MULAWARMAN INTERNATIONAL CONFERENCE ON TROPICAL PUBLIC HEALTH (MICTOPH)

2025

PROCEEDING

NON-INDEX

MAIN AUTHOR
- 3. INNOVATIONS IN CORRECTIVE LENS MATERIALS AND THEIR IMPACT ON VISUAL PERFORMANCE**

USIM 10TH NATIONAL HEALTH SEMINAR

2025

PROCEEDING

NON-INDEX

CORRESPONDING AUTHOR
- 4. FROM CATS TO CONJUNCTIVA: SPOROTHRICOSIS- THE UNSEEN RISK IN HOSTEL LIVING**

MALAYSIAN OPHTHALMOLOGY SCIENTIFIC CONGRESS 2025

2025

PROCEEDING

NON-INDEX

CORRESPONDING AUTHOR
- 5. THE BURDEN OF REFRACTIVE ERRORS: PREVALENCE AND SOCIODEMOGRAPHIC DETERMINANTS AMONG SCHOOL CHILDREN IN SEREMBAN, NEGERI SEMBILAN**

MALAYSIAN OPHTHALMOLOGY SCIENTIFIC CONGRESS 2025

2025

PROCEEDING

MYCITE

MAIN AUTHOR
- 6. OCULAR BARTONELLOSIS MIMICKING VASCULAR RETINOPATHY IN A POST-ANGIOPLASTY MYOCARDIAL INFARCTION PATIENT: A CASE REPORT**

MALAYSIAN OPHTHALMOLOGY SCIENTIFIC CONGRESS 2025

2025

PROCEEDING

MYCITE

CORRESPONDING AUTHOR
- 7. CATARACT DETECTION AND FOLLOW-UP CHALLENGES IN MOBILE EYE CLINICS: FINDINGS FROM THE KLIPMOBILE 2024 PROGRAM**

THE 7TH ASEAN OPHTHALMOLOGY CONGRESS 2025

2025

PROCEEDING

NON-INDEX

MAIN AUTHOR
- 8. EXPLORING THE PSYCHOSOCIAL CHALLENGES OF GLASSES USE IN LOW INCOME SCHOOL-AGED CHILDREN WITH REFRACTIVE ERRORS**

NATIONAL HEALTH SEMINAR UNIVERSITI SAINS ISLAM MALAYSIA

2025

PROCEEDING

NON-INDEX

MAIN AUTHOR
- 9. TITLE: PARENTAL KNOWLEDGE AND PRACTICES IN MYOPIA CONTROL: URBAN?SUBURBAN COMPARISON IN CENTRAL MALAYSIA ? PRELIMINARY RESULTS**

ASEAN OPHTHALMOLOGY CONGRESS 2025

2025

PROCEEDING

NON-INDEX

MAIN AUTHOR
- 10. BEYOND REFRACTIVE ERROR: A SIBLING CASE OF CHORIORETINAL COLOBOMA MIMICKING ASTIGMATISM**

USIM 10TH NATIONAL HEALTH SEMINAR 2025

2025

PROCEEDING

OTHER DATABASE

MAIN AUTHOR
- 11. FINANCIAL BARRIERS TO VISION CARE AMONG SCHOOL CHILDREN FROM LOW-INCOME FAMILIES IN SEREMBAN, NEGERI SEMBILAN**

MALAYSIAN OPHTHALMOLOGY SCIENTIFIC CONGRESS 2025

2025

PROCEEDING

OTHER DATABASE

MAIN AUTHOR
- 12. EYE EXAMINATION**

BASIC CLINICAL SKILLS MADE EASY

2025

CHAPTER IN BOOK

MAIN AUTHOR
- 13. A COMPARATIVE STUDY IN THE DETECTION OF RETINAL STRUCTURES: DIRECT OPHTHALMOSCOPE VERSUS HANDHELD FUNDUS CAMERA**

7TH INTERNATIONAL CONFERENCE ON MOLECULAR BIOLOGY AND BIOTECHNOLOGY 2024 (ICMBB 2024) IN CONJUNCTION WITH 6TH USIM INTERNATIONAL HEALTH CONFERENCE 2024

2024

PROCEEDING

NON-INDEX

MAIN AUTHOR

PUBLICATION

14. THE UNFORTUNATE DUAL FOLLOWING PTERYGIUM EXCISION

39TH ASIA PACIFIC ACADEMY OF OPHTHALMOLOGY CONGRESS

2024 PROCEEDING NON-INDEX MAIN AUTHOR

15. EVALUATING USER COMFORT AND CONFIDENCE IN RETINAL EXAMINATION TOOLS: DIRECT OPHTHALMOSCOPE AND HANDHELD FUNDUS CAMERA

13TH CONJOINT OPHTHALMOLOGY SCIENTIFIC CONFERENCE

2024 PROCEEDING NON-INDEX MAIN AUTHOR

16. MUSCULOSKELETAL HEALTH AWARENESS AND PREVENTIVE BEHAVIOURS AMONG ONLINE GAMERS. DO THEY PRACTICE IT WELL?

THE 1ST INTERNATIONAL CONFERENCE OF PHAS

2024 PROCEEDING NON-INDEX MAIN AUTHOR

17. GAZE INTO THE SCREEN: UNRAVELLING REFRACTIVE ERROR AND DRY EYES IMPLICATION AMONG ESPORTS ENTHUSIAST

APAO 2024 (ASIAN PACIFIC ACADEMY OF OPHTHALMOLOGY CONGRESS)

2024 PROCEEDING NON-INDEX MAIN AUTHOR

18. COMPARATIVE EFFICACY OF DIRECT OPHTHALMOSCOPE AND HANDHELD NON MYDRIATIC DIGITAL RETINAL FUNDUS CAMERA IN RETINAL EXAMINATION.

7TH INTERNATIONAL CONFERENCE ON MOLECULAR BIOLOGY & BIOTECHNOLOGY (ICMBB) 2024 IN CONJUNCTION WITH THE 6TH USIM INTERNATIONAL HEALTH CONFERENCE (IHEC) 2024

2024 PROCEEDING NON-INDEX MAIN AUTHOR

19. DIGITAL VS. TRADITIONAL: ASSESSING THE CONFIDENCE LEVELS IN OPHTHALMIC DIAGNOSTIC PRACTICES

7TH INTERNATIONAL CONFERENCE ON MOLECULAR BIOLOGY AND BIOTECHNOLOGY 2024 (ICMBB 2024) IN CONJUNCTION WITH 6TH USIM INTERNATIONAL HEALTH CONFERENCE 2024

2024 PROCEEDING SCOPUS MAIN AUTHOR

20. REFRACTIVE ERROR OF CHILDREN AGE 0-17 YEARS FROM VISION FOR EDUCATION (V4E) PROGRAM: A RETROSPECTIVE STUDY

THE 19TH INTERNATIONAL MYOPIA CONFERENCE

2024 PROCEEDING MYCITE CO-AUTHOR

21. EFFICACY AND SAFETY OF LATANOPROST/TIMOLOL FIXED COMBINATION DOSED TWICE DAILY COMPARED TO ONCE DAILY IN PATIENTS WITH PRIMARY OPEN ANGLE GLAUCOMA

INTERNATIONAL JOURNAL OF OPHTHALMOLOGY

2023 JOURNAL ISI CO-AUTHOR

22. IMPACT OF COVID-19 PANDEMIC ON OPHTHALMOLOGY SERVICES

9TH USIM NATIONAL HEALTH SYMPOSIUM

2023 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

23. COMPARISON OF OPTICAL COHERENCE TOMOGRAPHY ANGIOGRAPHY (OCTA) PARAMETERS OF DIFFERENT GROUPS IN STAGE 3 DIABETIC KIDNEY DISEASE (DKD).

9TH USIM NATIONAL HEALTH SEMINAR

2023 PROCEEDING NON-INDEX MAIN AUTHOR

24. BRIDGING THE KNOWLEDGE GAP WITH ESPORTS PLAYERS THROUGH OUTREACH HEALTH EDUCATION AND SCREENING PROGRAMMES.

INTERNATIONAL CONFERENCE FOR PUBLIC HEALTH, ENVIRONMENT, AND EDUCATION FOR SUSTAINABLE DEVELOPMENT GOALS AND LIFELONG LEARNING,

2023 PROCEEDING NON-INDEX MAIN AUTHOR

25. "SIX ELEMENTS OF AN EFFECTIVE STRATEGY COMMUNITY ENGAGEMENT PROGRAM IN 6 YEARS OF KLIP MOBILE EXPERIENCE"

THE 38TH ASIA PACIFIC ACADEMY OF OPHTHALMOLOGY (APAO) CONGRESS KUALA LUMPUR

2023 PROCEEDING NON-INDEX MAIN AUTHOR

26. A CASE REPORT: VITREOUS HAEMORRHAGE ? A RARE PRESENTATION OF RETINOBLASTOMA

MALAYSIAN JOURNAL OF MEDICINE AND HEALTH SCIENCES

2022

JOURNAL

SCOPUS

MAIN AUTHOR

PUBLICATION

27. RETINAL OPTICAL COHERENCE TOMOGRAPHY ANGIOGRAPHY PARAMETERS BETWEEN PATIENTS WITH DIFFERENT CAUSES OF CHRONIC KIDNEY DISEASE

FRONTIER CELLULAR NEUROSCIENCE

2022

JOURNAL

OTHER DATABASE

CO-AUTHOR

AWARDS/RECOGNITION

1. ACADEMIC ADVISOR

FPSK USIM

2025

UNIVERSITY

2. ACADEMIC ADVISOR

FPSK USIM

2025

UNIVERSITY

3. ACADEMIC ADVISOR

FPSK USIM

2025

UNIVERSITY

4. ACADEMIC ADVISOR

FPSK USIM

2025

UNIVERSITY

5. ACADEMIC ADVISOR

FPSK USIM

2025

UNIVERSITY

6. ACADEMIC ADVISOR

FPSK USIM

2025

UNIVERSITY

7. ACADEMIC ADVISOR

FPSK USIM

2025

UNIVERSITY

8. ACADEMIC ADVISOR

OPHTHALMOLOGY DEPARTMENT, HOSPITAL PUTRAJAYA

2025

OTHERS

9. ACADEMIC ADVISOR

PENILAIAN LAPORAN GERAN PENYELIDIKAN USIM

2025

UNIVERSITY

10. ACADEMIC ADVISOR

PENILAIAN LAPORAN GERAN PENYELIDIKAN USIM

2025

UNIVERSITY

11. ACADEMIC ADVISOR

PHACOEMULSIFICATION WORKSHOP 2025

2025

NATIONAL

12. ACADEMIC ADVISOR

MALAYSIAN UNIVERSITY CONJOINT COMMITTEE OF OPHTHALMOLOGY (MUCCO)

2025

NATIONAL

13. THE BURDEN OF REFRACTIVE ERRORS: PREVALENCE AND SOCIODEMOGRAPHIC DETERMINANTS AMONG SCHOOL CHILDREN IN SEREMBAN, NEGERI SEMBILAN.

MALAYSIAN OPHTHALMOLOGY SCIENTIFIC CONGRESS 2025

2025

KEBANGSAAN

BEST PAPER AWARD

14. BRONZE MEDAL IN TEDTALK COMPETITION

2024

UNIVERSITY

AWARDS/RECOGNITION

15. BRONZE AWARD IN EXCELLENCE AWARD FOR OPHTHALMOLOGY RESEARCH AND PUBLICATION 2023/2024

2024 NATIONAL

16. BEST POSTER AWARD IN 13TH CONJOINT OPHTHALMOLOGY SCIENTIFIC CONFERENCE

2024 NATIONAL

17. ACADEMIC ADVISOR

FPSK USIM

2024 UNIVERSITY

18. ACADEMIC ADVISOR

FPSK USIM

2024 UNIVERSITY

19. ACADEMIC ADVISOR

FPSK USIM

2024 UNIVERSITY

20. ACADEMIC ADVISOR

FPSK USIM

2024 UNIVERSITY

21. ACADEMIC ADVISOR

FPSK USIM

2024 UNIVERSITY

22. ACADEMIC ADVISOR

FPSK USIM

2024 UNIVERSITY

23. ACADEMIC ADVISOR

FPSK USIM

2024 UNIVERSITY

24. ACADEMIC ADVISOR

FAKULTI SAINS DAN TEKNOLOGI USIM

2024 UNIVERSITY

25. INNOVATING OPHTHALMOLOGY EDUCATION: THE SHIFT FROM DIRECT OPHTHALMOSCOPE TO HANDHELD FUNDUS CAMERA

4TH INNOVATION BANK CHALLENGE 2024 (IBC 2024)

2024 UNIVERSITY GOLD

26. OH MY OBAT

4TH INNOVATION BANK CHALLENGE 2024 (IBC 2024)

2024 UNIVERSITY GOLD

27. EVALUATING USER COMFORT AND CONFIDENCE IN RETINAL EXAMINATION INSTRUMENTS: DIRECT OPHTHALMOSCOPE AND HANDHELD FUNDUS CAMERA

13TH CONJOINT OPHTHALMOLOGY SCIENTIFIC CONFERENCE

2024 KEBANGSAAN BEST PAPER AWARD

28. ACADEMIC ADVISOR

FPSK USIM

2023

UNIVERSITY

AWARDS/RECOGNITION

29. ACADEMIC ADVISOR

FPSK USIM

2023 UNIVERSITY

30. ACADEMIC ADVISOR

FPSK USIM

2023 UNIVERSITY

31. ACADEMIC ADVISOR

FPSK USIM

2023 UNIVERSITY

32. ACADEMIC ADVISOR

FPSK USIM

2023 UNIVERSITY

33. ACADEMIC ADVISOR

FPSK USIM

2022 UNIVERSITY