



DR. SITI HAJAR BINTI OMAR

PENSYARAH PERGIGIAN DUG14

CONTACT

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Faculty: Fakulti Pergigian

SUPERVISION

PhD - Completed: 0, Ongoing: 0

Master - Completed: 0,
Ongoing: 0

AREAS OF EXPERTISE

Endodontics

Operative Dentistry

Dental Education

ACADEMIC QUALIFICATION

Sarjana Kepakaran in Endodontologi (2020)

Bachelor in Doktor Pergigian (2011)

RESEARCH

1. ELUCIDATING THE ROLE OF ZIRCONIA MICROPARTICLE WASTE IN MODULATING THE PROPERTIES OF PHOTOPOLYMER RESINS FOR 3D-PRINTED DENTAL CROWNS.

2026 GERAN PENYELIDIKAN FUNDAMENTAL ON GOING CO-RESEARCHER

2. ENDODONTIC CLINICAL DIAGNOSTIC SKILLS AMONGST UNDERGRADUATE DENTAL STUDENTS IN MALAYSIA: CROSS-SECTIONAL STUDY

2025 GERAN PENYELIDIKAN PUSAT TANGGUNGJAWAB (PTJ) ON GOING MAIN RESEARCHER

3. THE PATTERN OF ANTIBIOTIC PRESCRIPTION IN THE MANAGEMENT OF ENDODONTIC INFECTIONS AMONGST MALAYSIAN DENTISTS

2023 BIDUNI MIZANNIYAH COMPLETED MAIN RESEARCHER

4. CONE-BEAM COMPUTED TOMOGRAPHY EVALUATION OF CANAL MORPHOLOGY OF FIRST MAXILLARY AND MANDIBULAR PREMOLARS IN MALAYSIAN SUBPOPULATION

2023 BIDUNI MIZANNIYAH COMPLETED CO-RESEARCHER

**5. ELUCIDATION OF FINISHING AND POLISHING SYSTEMS
EFFECT ON PHYSICAL AND MECHANICAL PROPERTIES OF
RECENTLY DEVELOPED BULK FILL RESIN COMPOSITE.**

2022

GERAN PENYELIDIKAN USIM

ON GOING

MAIN RESEARCHER

RESEARCH

6. C- SHAPED CANALS IN MANDIBULAR AND MAXILLARY SECOND MOLARS EVALUATED BY CONE BEAM COMPUTED TOMOGRAPHY STUDY IN A MALAYSIAN POPULATION

2022 GERAN PENYELIDIKAN USIM ON GOING CO-RESEARCHER

7. EVALUATION OF DEEP CARIES REMOVAL METHOD AND MANAGEMENT PERFORMED BY DENTAL PRACTITIONER IN KLANG VALLEY

2021 BIDUNI MIZANNIYAH COMPLETED CO-RESEARCHER

8. IMPACT OF CORONAL RESTORATION ON THE OUTCOME OF ENDODONTIC TREATMENT:A RETROSPECTIVE STUDY

2016 GERAN PENYELIDIKAN TRANSLASIONAL COMPLETED CO-RESEARCHER

PUBLICATION

1. EXPERIENCE OF MALYSIAN UNDERGRADUATE DENTAL STUDENTS ON THE APPROPRIATE USE OF SYSTEMIC ANTIBIOTICS FOR ENDODONTIC PATHOLOGY.

ANNALS OF DENTISTRY UNIVERSITY OF MALAYA

2025 JOURNAL OTHER DATABASE MAIN AUTHOR

2. CONE-BEAM COMPUTED TOMOGRAPHY EVALUATION OF CANAL MORPHOLOGY OF MAXILLARY PREMOLARS IN MALYSIAN SUBPOPULATION USING TWO CANALS CLASSIFICATION

ENDODONTOLOGY

2025 JOURNAL SCOPUS CORRESPONDING AUTHOR

3. PENDIDIKAN ENDODONTIK: PENGAJARAN & PEMBELAJARAN DALAM PROGRAM DOKTOR PERGIGIAN.

2025 BOOK

4. INFLUENCE OF DIFFERENT POLISHING SYSTEMS ON SURFACE ROUGHNESS AND MICROHARDNESS OF BULK-FILL RESIN-BASED COMPOSITES: AN IN VITRO STUDY

INTERNATIONAL JOURNAL OF PROSTHODONTICS AND RESTORATIVE DENTISTRY

2024 JOURNAL SCOPUS MAIN AUTHOR

5. RELATIONSHIP OF INCIDENCE OF RADIX ENTOMOLARIS AND C-SHAPED CANAL IN MANDIBULAR MOLARS USING CBCT: A MULTI-CENTRE STUDY

AUSTRALIAN ENDODONTIC JOURNAL

2024 JOURNAL ERA CO-AUTHOR

6. PATTERN OF ANTIBIOTIC PRESCRIPTION IN THE TREATMENT OF ENDODONTIC INFECTIONS AMONG MALYSIAN DENTISTS

10TH USIM DENTAL STUDENTS' COLLOQUIUM FACULTY OF DENTISTRY

2024 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

7. CONE-BEAM COMPUTED TOMOGRAPHY EVALUATION OF CANAL MORPHOLOGY OF FIRST MAXILLARY AND MANDIBULAR PREMOLARS IN MALYSIAN SUBPOPULATION

10TH USIM DENTAL STUDENTS' COLLOQUIUM FACULTY OF DENTISTRY

2024 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

8. CONE-BEAM COMPUTED TOMOGRAPHY EVALUATION OF CANAL MORPHOLOGY OF FIRST MAXILLARY PREMOLARS IN MALYSIAN SUBPOPULATION

MES ANNUAL SCIENTIFIC MEETING & AGM 2024

2024 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

9. PREVALENCE OF C-SHAPED CANAL MORPHOLOGY IN MANDIBULAR PREMOLARS OF MALYSIAN SUBPOPULATION: A CONE BEAM COMPUTED TOMOGRAPHY (CBCT) ANALYSIS

36TH ANNUAL SCIENTIFIC MEETING & AGM 2024

2024 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

10. C-SHAPED CANALS IN MANDIBULAR AND MAXILLARY SECOND MOLARS EVALUATED BY CBCT STUDY IN A MALYSIAN SUBPOPULATION

MAHIDOL INTERNATIONAL ENDODONTIC SYMPOSIUM

2024 PROCEEDING NON-INDEX MAIN AUTHOR

11. ROOT CANAL PREPARATION TECHNIQUES

A GUIDE TO ROOT CANAL TREATMENT

2024 CHAPTER IN BOOK CO-AUTHOR

12. ROOT CANAL OBTURATION

A GUIDE TO ROOT CANAL TREATMENT

2024 CHAPTER IN BOOK MAIN AUTHOR

13. SUCCESS AND FAILURE OF ROOT CANAL TREATMENT

A GUIDE TO ROOT CANAL TREATMENT

2024 CHAPTER IN BOOK CO-AUTHOR

PUBLICATION

14. PATHOGENESIS & DIAGNOSIS

A GUIDE TO ROOT CANAL TREATMENT

2024 CHAPTER IN BOOK CO-AUTHOR

15. EXAMINATION, INVESTIGATION & TREATMENT PLAN

A GUIDE TO ROOT CANAL TREATMENT

2024 CHAPTER IN BOOK CO-AUTHOR

16. EMERGENCIES IN ENDODONTIC & MANAGEMENT

A GUIDE TO ROOT CANAL TREATMENT

2024 CHAPTER IN BOOK MAIN AUTHOR

17. ELECTIVE ENDODONTIC, ROOT CANAL RETREATMENT AND ENDODONTIC SURGERY.

A GUIDE TO ROOT CANAL TREATMENT

2024 CHAPTER IN BOOK CO-AUTHOR

18. INFLUENCE OF TECHNICAL QUALITY AND CORONAL RESTORATION ON PERIAPICAL HEALTH OF ROOT CANAL TREATMENT PERFORMED BY MALAYSIAN UNDERGRADUATE STUDENTS

SAUDI ENDODONTIC JOURNAL

2023 JOURNAL SCOPUS CO-AUTHOR

19. STUDENTS' EXPERIENCE, SELF-CONFIDENCE, AND PERCEPTION TOWARD ENDODONTIC LEARNING: NATIONAL SURVEY AMONG MALAYSIAN DENTAL SCHOOLS

JOURNAL OF DENTISTRY INDONESIA

2023 JOURNAL SCOPUS MAIN AUTHOR

20. DIFFERENT EXTRA-CORONAL RESTORATION OPTIONS OF HEMISECTED TEETH ON STRUCTURALLY COMPROMISED MANDIBULAR MOLAR: REPORT OF TWO CASES.

IJUM JOURNAL OF OROFACIAL AND HEALTH SCIENCES

2023 JOURNAL OTHER DATABASE CO-AUTHOR

21. ROOT CANAL MORPHOLOGY AND VARIATIONS IN THE PERMANENT MANDIBULAR MOLARS OF MALAYSIAN SUBPOPULATION

EUROPEAN SOCIETY OF ENDODONTOLOGY (ESE) BIENNIAL CONGRESS 2023

2023 PROCEEDING SCOPUS CO-AUTHOR

22. DELAYED REPAIR OF LARGE IATROGENIC FURCATION PERFORATION USING MTA: A CASE REPORT

MALAYSIAN JOURNAL OF SCIENCE, HEALTH & TECHNOLOGY

2022 JOURNAL OTHER DATABASE CORRESPONDING AUTHOR

23. EVALUATION OF DEEP CARIES REMOVAL METHOD AND MANAGEMENT PERFORMED BY DENTAL PRACTITIONER IN KLANG VALLEY, MALAYSIA

8TH DENTAL STUDENT'S COLLOQUIUM: RESEARCH DIVERSITY OF ORAL HEALTH SCIENCES IN PANDEMIC ERA

2022 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

24. AN ASSESSMENT OF KNOWLEDGE AND CURRENT CLINICAL PRACTICE ON DEEP CARIES REMOVAL AMONG DENTAL PRACTITIONER IN KLANG VALLEY, MALAYSIA

21ST ANNUAL SCIENTIFIC MEETING IADR MALAYSIAN SECTION

2022 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

25. INFLUENCE OF TECHNICAL QUALITY AND CORONAL RESTORATION ON THE OUTCOME OF ROOT CANAL TREATMENT

20TH ANNUAL SCIENTIFIC MEETING OF IADR MALAYSIAN SECTION (VIRTUAL)

2021 PROCEEDING NON-INDEX CO-AUTHOR

26. UNDERGRADUATE ENDODONTIC CLINICAL TRAINING IN MALAYSIA: A NATIONAL SURVEY

EUROPEAN JOURNAL OF DENTAL EDUCATION

2020 JOURNAL ERA MAIN AUTHOR

PUBLICATION

27. STUDENTS' SELF-CONFIDENCE LEVELS AND PERCEPTIONS TOWARDS ENDODONTIC LEARNING: A NATIONAL SURVEY AMONG MALAYSIAN DENTAL SCHOOLS

USIM INTERNATIONAL HEALTH CONFERENCE (IHEC) 2020

2020

PROCEEDING

NON-INDEX

MAIN AUTHOR

AWARDS/RECOGNITION

1. WRITER OF THE MONTH FOR APRIL 2025

2025 UNIVERSITY

2. ACADEMIC ADVISOR

USIM'S DENTAL BOOTCAMP 2025 AT FACULTY OF DENTISTRY USIM

2025 UNIVERSITY

3. INNOVATIVE 3D-PRINTED CROWNS INFUSED WITH CHITOSAN AND SILICON DIOXIDE NANOPARTICLES: EVALUATION OF MECHANICAL STRENGTH AND BIOCOMPATIBILITY

INNOVATION BANK CHALLENGE 2025

2025 ANTARABANGSA GOLD

4. ANUGERAH KREATIVITI DAN INOVASI (SISTEM E-KLINIKAL VERSI FASA 3)

2024 UNIVERSITY

5. ACADEMIC ADVISOR

PANEL PENILAI GERAN PTJ DI USIM

2024 UNIVERSITY

6. ACADEMIC ADVISOR

PANEL PENILAI GERAN PTJ DI USIM

2024 UNIVERSITY

7. ACADEMIC ADVISOR

PANEL PENILAI GERAN PTJ DI USIM

2024 UNIVERSITY

8. ACADEMIC ADVISOR

EXTERNAL EXAMINER FOR UNDERGRADUATE PROFESSIONAL EXAMINATION AT LINCOLN UNIVERSITY COLLEGE

2024 UNIVERSITY

9. ACADEMIC ADVISOR

MENTOR BAGI PROGRAM BIMBINGAN BAKAT (YOUNG TALENT MENTORSHIP PROGRAMME) DI USIM

2024 UNIVERSITY

10. CONE BEAM COMPUTED TOMOGRAPHY EVALUATION OF C- SHAPED CANALS IN MANDIBULAR AND MAXILLARY SECOND MOLARS IN A MALAYSIAN POPULATION

4TH INNOVATION BANK CHALLENGE 2024 (IBC 2024)

2024 UNIVERSITI BRONZE

11. INFLUENCE OF DIFFERENT POLISHING SYSTEMS ON SURFACE ROUGHNESS OF BULK FILL RESIN-BASED COMPOSITES

4TH INNOVATION BANK CHALLENGE 2024 (IBC 2024)

2024 UNIVERSITI BRONZE

12. CONE-BEAM COMPUTED TOMOGRAPHY EVALUATION OF CANAL MORPHOLOGY OF FIRST MAXILLARY AND MANDIBULAR PREMOLARS IN MALAYSIAN SUBPOPULATION

10th USIM DENTAL STUDENTS' COLLOQUIUM FACULTY OF DENTISTRY

2024 UNIVERSITI BRONZE

13. ANUGERAH PERKHIDMATAN CEMERLANG 2021

2022 UNIVERSITY