Profile Image

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PENSYARAH PERGIGIAN DUG14

CONTACT

PHONE

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FACULTY

Fakulti Pergigian

SUPERVISION

	COMPLETED	ONGOING
PhD	0	0
Master	1	1

AREAS OF EXPERTISE

Conservative Dentistry | Implantology

ACADEMIC QUALIFICATION

2017 **Sarjana Kepakaran** - Prosthodontics

2011 **Bachelor** - Dental Surgery

RESEARCH

1. **CHARACTERIZATION OF MECHANICAL PROPERTIES AND MICROBIAL ADHERENCE OF HIGH-PERFORMANCE POLYMER, POLYETHERIMIDE (PEI) REINFORCED ON THREE-DIMENSIONAL (3D) PRINTED REMOVABLE DENTURE BASE**

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

2. **ELUCIDATING THE PROPERTIES OF HIGH-PERFORMANCE POLYMERS REINFORCED ON THREE-DIMENSIONAL PRINTED REMOVABLE DENTURE BASE**

2021 | GERAN KPT | ON GOING | MAIN RESEARCHER

3. **INVESTIGATION OF COMPLETE DENTURE PERFORMANCE UTILISING ADDITIVE MANUFACTURING TECHNIQUE**

2021 | GERAN PENYELIDIKAN INDUSTRI | COMPLETED | MAIN RESEARCHER

4. **ANTI-MICROBIAL EFFECTS OF CONCENTRATED GROWTH FACTOR (CGF) AGAINST MICROORGANISMS OF ORAL CAVITY**

2020 | PENYELIDIKAN TANPA BIAYA | COMPLETED | MAIN RESEARCHER

5. **AN EVALUATION OF FULL COVERAGE CROWN PREPARATIONS : AN INSTITUTIONAL ANALYSIS**

2019 | GERAN PENYELIDIKAN KHAS | COMPLETED | MAIN RESEARCHER

RESEARCH

6. TEACHING OF POSTERIOR COMPOSITE RESIN RESTORATIONS IN UNDERGRADUATE DENTAL SCHOOLS IN MALAYSIA

2018 | GERAN PENYELIDIKAN USIM | COMPLETED | MAIN RESEARCHER

PUBLICATION

1. INNOVATIVE 3D-PRINTED DENTAL CROWNS INFUSED WITH CHITOSAN AND SILICON DIOXIDE NANOPARTICLES:EVALUATION OF BIOCOMPATIBILITY AND STRUCTURAL PROPERTIES

5TH INNOVATION BANK CHALLENGE (IBC) 2025

2025 | PROCEEDING | NON-INDEX | MAIN AUTHOR

2. ANTIFUNGAL EFFICACY OF NIGELLA SATIVA OIL EXTRACT IN INHIBITING CANDIDA ALBICANS COLONIZATION ON 3D-PRINTED DENTURE BASES

BOTANIC GARDENS SYMPOSIUM 2024 (BGS2024)

2024 | PROCEEDING | NON-INDEX | MAIN AUTHOR

3. HALAL STANDARDS AS ELEMENTS IN THE LEGAL FRAMEWORK OF 3D/4D-PRINTED FOOD USING SOURCE-COMPOSITION-MANUFACTURING AND HALAL FORENSIC CONCEPTS

FOOD RESEARCH

2023 | JOURNAL | OTHER DATABASE | MAIN AUTHOR

4. PRELIMINARY NOVEL ANALYSIS ON ANTIMICROBIAL PROPERTIES OF CONCENTRATED GROWTH FACTOR AGAINST BACTERIA-INDUCED ORAL DISEASES

EUROPEAN JOURNAL OF DENTISTRY

2022 | JOURNAL | SCOPUS | MAIN AUTHOR

5. ANTIMICROBIAL PROPERTIES OF CONCENTRATED GROWTH FACTOR (CGF) AGAINST BACTERIA INDUCED ORAL DISEASES

CONS EURO 2021

2021 | PROCEEDING | NON-INDEX | MAIN AUTHOR

6. A CONTEMPORARY EVALUATION ON POSTERIOR DIRECT RESTORATION TEACHING AMONG UNDERGRADUATES IN DENTAL SCHOOLS IN MALAYSIA

DENTAL EDUCATION

2021 | CHAPTER IN BOOK | MAIN AUTHOR

7. AN EVALUATION ON FULL COVERAGE CROWN PREPARATION: AN INSTITUTIONAL ANALYSIS

JOURNAL OF CLINICAL AND DIAGNOSTIC RESEARCH

2020 | JOURNAL | INDEXED BY WOS | MAIN AUTHOR

8. A CONSOLIDATED THERAPY UTILISING CONCENTRATED GROTH FACTOR (CGF) IN MEMBRANE EXPOSURE INCIDENT: A 12 MONTHS CLINICAL, RADIOGRAPHICAL AND DIGITAL ANALYSIS

3RD INTERNATIONAL SYMPOSIUM OF SOFT TISSUE MANAGEMENT AROUND TEETH AND IMPLANTS

2020 | PROCEEDING | NON-INDEX | MAIN AUTHOR

PUBLICATION

9. DIGITALISATION IN DENTISTRY: THE MODERN TRANSFORMATION IN ORAL HEALTH CARE

INSLA 2020

2020 PROCEEDING NON-INDEX MAIN AUTHOR

10. A REVIEW OF POLYMER CROWN: BIOMECHANICAL AND MATERIAL SCIENCE

JOURNAL OF CLINICAL AND DIAGNOSTIC RESEARCH

2019 JOURNAL INDEXED BY WOS MAIN AUTHOR

11. A PRELIMINARY INVESTIGATION OF A NOVEL CAD-CAM POLYMER CROWN

RESTORATIVE DENTISTRY & ENDODONTICS

2019 JOURNAL OTHER DATABASE MAIN AUTHOR

12. CLINICAL PERFORMANCE OF GLASS IONOMER IN CLASS V RESTORATIONS: ONE YEAR FOLLOW UP OF PILOT STUDY

MALAYSIAN JOURNAL OF SCIENCE HEALTH AND TECHNOLOGY

2019 JOURNAL OTHER DATABASE MAIN AUTHOR

13. UTILISATION OF CGF AS REGENERATIVE SURGICAL BIOMATERIAL

HARI PENYELIDIKAN PERINGKAT NEGERI SELANGOR KE - 8

2019 PROCEEDING NON-INDEX MAIN AUTHOR

14. A PRELIMINARY INVESTIGATION ON NOVEL CAD-CAM POLYMER CROWN

CONS ASIA 2019

2019 PROCEEDING NON-INDEX MAIN AUTHOR

15. AN EVALUATION OF FULL COVERAGE POLYMER CROWN

JOINT DENTAL SPECIALIST CONFERENCE

2018 PROCEEDING NON-INDEX MAIN AUTHOR

AWARDS/RECOGNITION

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

INNOVATION BANK CHALLENGE 2025

2025 ANTARABANGSA GOLD

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

4TH INNOVATION BANK CHALLENGE 2024 (IBC 2024)

2024 UNIVERSITI BRONZE

3. AN EVALUATION OF CYTOTOXIC ACTIVITIES OF POLYETHERIMIDE REINFORCED ON 3D PRINTED DENTURE BASE

4TH INNOVATION BANK CHALLENGE 2024 (IBC 2024)

2024 UNIVERSITI SILVER

AWARDS/RECOGNITION

4. ANTIMICROBIAL PROPERTIES OF POLYETHERIMIDE (PEI) REINFORCED ON 3D PRINTED DENTURE BASE: A PRELIMINARY INVESTIGATION

4TH INNOVATION BANK CHALLENGE 2024 (IBC 2024)

2024 | UNIVERSITI | SILVER

5. BIOCAST

34th INTERNATIONAL INVENTION & TECHNOLOGY EXHIBITION MALAYSIA (ITEX2023)

2023 | ANTARABANGSA | GOLD