

DR. SYIRAL MASTURA BINTI ABDULLAH

PENSYARAH PERGIGIAN DUG15

CONTACT

PHONE

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FACULTY

Fakulti Pergigian

SUPERVISION

	COMPLETED	ONGOING
PhD	0	0
Master	0	0

AREAS OF EXPERTISE

Orthodontics

ACADEMIC QUALIFICATION

2011 **Master** - Ortodontik

RESEARCH

1. **DEVELOPMENT OF A CONVOLUTIONAL NEURAL NETWORK HYBRID MODEL FOR AUTOMATED ORTHODONTIC TREATMENT NEED ASSESSMENT USING INTRAORAL IMAGES AND CLINICAL DATA**

2026 | GERAN PENYELIDIKAN PUSAT TANGGUNGJAWAB (PTJ) | ON GOING | MAIN RESEARCHER

2. **A COMPARATIVE STUDY OF DENTAL ARCH FORM IN DIFFERENT GENDER AND MALOCCLUSION OF MALAY POPULATION**

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

3. **THE EFFECT OF OCCUPATIONAL NOISE EXPOSURE ON HEARING AND MENTAL HEALTH AMONG STAFFS AND STUDENTS IN DENTAL FACILITIES**

2022 | BIDUNI MIZANNIYAH | COMPLETED | MAIN RESEARCHER

4. **HIGH ANGLE CASES IN DIFFERENT TYPES OF SKELETAL PATTERN AMONG ORTHODONTIC PATIENTS IN USIM SPECIALIST CLINIC**

2020 | GERAN PENYELIDIKAN KHAS | COMPLETED | MAIN RESEARCHER

5. **THE EFFECT OF TUNGSTEN CARBIDE BUR ON ENAMEL SURFACE AFTER DEBONDING ORTHODONTIC BRACKETS.**

2017 | GERAN PENYELIDIKAN USIM | COMPLETED | MAIN RESEARCHER

RESEARCH

6. SUPERNUMERY TEETH IN PAEDIATRIC PATIENTS - FREQUENCY AND PROBLEMS

2013 | GERAN PENYELIDIKAN JANGKA PENDEK | COMPLETED | MAIN RESEARCHER

PUBLICATION

1. THE EFFECT OF NOISE SENSITIVITY AND MENTAL HEALTH AMONG STAFFS AND STUDENTS IN USIM DENTAL FACILITIES

4TH I-DENT 2025

2025 | PROCEEDING | NON-INDEX | MAIN AUTHOR

2. EFFECT OF TUNGSTEN CARBIDE BUR ON ENAMEL AFTER BRACKETS DEBONDING

FDI WORLD DENTAL CONGRESS SHANGHAI 2025

2025 | PROCEEDING | SCOPUS | MAIN AUTHOR

3. THE EFFECT OF TUNGSTEN CARBIDE BUR ON ENAMEL SURFACE AFTER DEBONDING ORTHODONTIC BRACKETS

4TH I- DENT 2025

2025 | PROCEEDING | MYCITE | MAIN AUTHOR

4. COMPARISON OF DENTAL ARCH DIMENSIONS ACCORDING TO GENDER AND MALOCCLUSION

FDI WORLD DENTAL CONGRESS SHANGHAI 2025

2025 | PROCEEDING | SCOPUS | MAIN AUTHOR

5. THE FUTURE OF ORTHODONTICS: AI'S ROLE IN IMPROVING ACCURACY AND TREATMENT OUTCOMES

IST INTERNATIONAL WRITETC CONGRESS ON SOCIAL SOCIENCESVAND HEALTH SCIENCES IN THE AGE OF ARTIFICIAL INTELLIGENCE

2024 | PROCEEDING | NON-INDEX | MAIN AUTHOR

6. ARTIFICIAL INTELLIGENCE FOR DENTAL MALOCCLUSION IDENTIFICATION

21ST CONGRESS OF THE INTERNATIONAL FEDERATION OF ASSOCIATIONS OF ANATOMISTS (IFAA 2024)

2024 | PROCEEDING | SCOPUS | MAIN AUTHOR

7. APPLIAN BOLEH TANGGAL

RAWATAN PERGIGIAN PEDIATRIK DAN ORTODONTIK

2023 | CHAPTER IN BOOK | MAIN AUTHOR

8. A COMPARATIVE STUDY OF DENTAL INDICES AMONG DENTAL STUDENTS

JOURNAL OF INTERNATIONAL DENTAL AND MEDICAL RESEARCH

2020 | JOURNAL | SCOPUS | MAIN AUTHOR

9. KNOWLEDGE ON WHITE SPOT LESIONS (WSL) AMONG FIXED ORTHODONTIC PATIENTS : A PILOT STUDY

INTERNATIONAL JOURNAL FOR STUDIES ON CHILDREN, WOMEN, ELDERLY AND DISABLED, VOL. 4, (JUNE)

2018 | JOURNAL | OTHER DATABASE | MAIN AUTHOR

10. KNOWLEDGE ON WHITE SPOT LESIONS (WSL) AMONG FIXED ORTHODONTIC PATIENTS : A PILOT STUDY

THE 4TH PUTRAJAYA INTERNATIONAL CONFERENCE ON CHILDREN, WOMEN, ELDERLY AND PEOPLE WITH DISABILITIES 2018

2018 | PROCEEDING | NON-INDEX | MAIN AUTHOR

PUBLICATION

11. SUPERNUMERARY TEETH IN PAEDIATRIC PATIENTS - FREQUENCY AND PROBLEMS

THE 24TH MALAYSIAN ASSOCIATION OF ORTHODONTISTS INTERNATIONAL SCIENTIFIC CONFERENCE AND TRADE EXHIBITION

2018 PROCEEDING NON-INDEX MAIN AUTHOR

12. RADIOGRAPH IN ORTHODONTICS

2018 BOOK MAIN AUTHOR

13. DESCRIPTIVE STUDY OF SUPERNUMERARY TEETH IN PAEDIATRICS PATIENTS

12TH WORLD CONGRESS ON DENTISTRY AND ORAL HEALTH

2016 PROCEEDING NON-INDEX MAIN AUTHOR

14. ASSOCIATION OF POSITIONAL VARIATIONS OF PREMOLARS WITH INTERARCH FEATURES AMONG MALAYSIANS

INTERNATIONAL JOURNAL OF CURRENT RESEARCH

2014 JOURNAL OTHER DATABASE MAIN AUTHOR

15. POSITIONAL VARIATION OF PREMOLARS AMONG 15-35 YEAR OLD MALAYSIANS.

17TH MALAYSIAN ASSOCIATION OF ORTHODONTIST INTERNATIONAL SCIENTIFIC CONFERENCE AND TRADE EXIBITION

2011 PROCEEDING NON-INDEX MAIN AUTHOR

16. DESCRIPTION OF CLINICAL FEATURES OF PREMOLARS AMONG YOUNG MALAYSIAN ADULTS

9TH INTERNATIONAL CONFERENCE OF ASIAN ACADEMY OF PREVENTIVE DENTISTRY

2010 PROCEEDING NON-INDEX MAIN AUTHOR

17. DESCRIPTION OF CLINICAL FEATURES OF PREMOLARS AMONG 505 YOUNG MALAYSIAN ADULTS

MINGGU PENYELIDIKAN PERUBATAN DAN KESIHATAN KE-12 UKM

2010 PROCEEDING NON-INDEX MAIN AUTHOR

AWARDS/RECOGNITION

1. SECOND PLACE CLINICAL RESEARCH

2025 UNIVERSITY

2. IADR MALAYSIAN SECTION JUNIOR AWARD POSTER SECOND PLACE

2022 NATIONAL

3. THIRD PLACE IN POSTER PRESENTATION

2020 INTERNATIONAL

4. ANUGERAH PEKERJA CEMERLANG USIM 2016

2017 UNIVERSITY

5. ANUGERAH PEKERJA CEMERLANG NEGERI TERENGGANU KEMENTERIAN KESIHATAN MALAYSIA 2004

2004 STATE