

Profile Image

## DR. ZURAIRAH BINTI IBRAHIM

PENSYARAH PERGIGIAN DUG15

### CONTACT

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**E-mail:**  
izurairah@usim.edu.my

**Faculty:** Fakulti Pergigian

### SUPERVISION

PhD - Completed: 0, Ongoing: 0

Master - Completed: 0, Ongoing: 0

### AREAS OF EXPERTISE

Paediatric Dentistry

Oral Imaging

Orthodontics

### ACADEMIC QUALIFICATION

Master in Orthodontics (2014)

Bachelor in Doktor Pergigian (2003)

Sijil in Matrikulasi Sains Dan Biologi (1998)

### RESEARCH

#### 1. THE ENVIRONMENTAL IMPACT OF ORTHODONTIC ALIGNERS: A STUDY OF MATERIAL SUSTAINABILITY AND DISPOSABLE CHALLENGES

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

#### 2. THE DEVELOPMENT AND FITTING ACCURACY OF 3D PRINTED RETAINER AND VACUUM FORMED RETAINER

2023   GERAN PENYELIDIKAN PUSAT TANGGUNGJAWAB (PTJ)   ON GOING  
CO-RESEARCHER

#### 3. DIFFERENCES IN SKELETAL AGE, DENTAL AGE, AND DURATION OF GROWTH SPURT BASED ON CHRONOLOGICAL AGE AND GENDER TYPES BETWEEN INDONESIA AND MALAYSIA POPULATIONS

2021   BIDUNI MIZANNIYAH   COMPLETED   MAIN RESEARCHER

#### 4. STRESS AND COPING MECHANISM IN DENTAL UNDERGRADUATES: A COMPARISON BETWEEN ISLAMIC BASED AND NON-ISLAMIC BASED UNIVERSITY IN MALAYSIA

2021   BIDUNI MIZANNIYAH   COMPLETED   MAIN RESEARCHER

**5. ASSOCIATION BETWEEN EMOTIONAL INTELLIGENCE AND  
PERCEIVED STRESS AMONG USIM AND UNIMUS DENTAL  
STUDENTS : A CROSS SECTIONAL STUDY**

2019

GERAN PENYELIDIKAN KHAS

COMPLETED

MAIN RESEARCHER

# RESEARCH

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

2017 GERAN PENYELIDIKAN USIM COMPLETED CO-RESEARCHER

## 7. INDEKS SYARIAH MALAYSIA (FASA 2)

2016 GERAN PENYELIDIKAN AGENSI KERAJAAN COMPLETED CO-RESEARCHER

## 8. THE PSYCHOCIAL IMPACT OF DENTAL AESTHETICS ON PATIENTS WHO REQUIRE ORTHODONTICS TREATMENT IN USIM DENTAL CLINIC

2016 GERAN JANGKA PENDEK FASA 1 COMPLETED CO-RESEARCHER

## 9. TRANSCRIPTOMIC ANALYSIS STREPTOCOCCUS MUTANS TREATED WITH MELASTOMA MALABATHRICUM STEM BARK EXTRACT(MMSBAE)

2016 GERAN JANGKA PENDEK FASA 1 COMPLETED CO-RESEARCHER

## 10. A STUDY ON THE EFFICACY OF TWO TYPES OF MANUAL TOOTHBRUSHES IN PATIENTS WITH FIXED APPLIANCES

2016 GERAN JANGKA PENDEK FASA 1 COMPLETED MAIN RESEARCHER

## 11. MENILAI KEBERKESANAN USAHA KERAJAAN DALAM MELAKSANAKAN MAQASI SYARIAH UNTUK PROGRAM BERKAITAN KESIHATAN DI NEGERI SEMBILAN, SELANGOR DAN WILAYAH PERSEKUTUAN

2015 GERAN PENYELIDIKAN AGENSI KERAJAAN COMPLETED CO-RESEARCHER

# PUBLICATION

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## 1. THE FITTING ACCURACY OF 3D PRINTED RETAINER VS VACUUM-FORMED RETAINER

10TH USIM DENTAL STUDENTS' COLLOQUIUM

2024 PROCEEDING NON-INDEX CORRESPONDING AUTHOR

## 2. PRINTED 3D RETAINER VS VACUUM-FORMED RETAINER

30TH MALAYSIAN ASSOCIATION OF ORTHODONTISTS INTERNATIONAL SCIENTIFIC CONFERENCE AND TRADE EXHIBITION

2024 PROCEEDING NON-INDEX MAIN AUTHOR

## 3. GIGI BONGSU TERIMPAK

RAWATAN PERGIGIAN PEDIATRIK DAN ORTODONTIK

2023 CHAPTER IN BOOK CO-AUTHOR

## 4. GIGI TIDAK TUMBUH KELUAR

RAWATAN PERGIGIAN PEDIATRIK DAN ORTODONTIK

2023 CHAPTER IN BOOK CO-AUTHOR

## 5. STRESS AND COPING MECHANISM AMONG DENTAL UNDERGRADUATES: A COMPARISON BETWEEN ISLAMIC BASED AND NON-ISLAMIC BASED UNIVERSITIES IN MALAYSIA

IHEC 2022 5TH INTERNATIONAL HEALTH VIRTUAL CONFERENCE

2022 PROCEEDING SCOPUS CO-AUTHOR

## 6. SEBUAH KERINDUAN

KUMPULAN ANEKDOT MUTIARA HIKAMH 4 COVID OH COVID!

2022 CHAPTER IN BOOK CO-AUTHOR

## 7. IMPACT OF COVID-19 PANDEMIC ON DENTAL EDUCATION: EXPERIENCE SHARING FROM A MALAYSIAN PUBLIC UNIVERSITY

ULUM ISLAMIYYAH -THE MALAYSIAN JOURNAL OF ISLAMIC SCIENCES - SPECIAL ISSUE: HEALTHCARE IN PANDEMIC ERA: "THE NEW NORM"

2021 JOURNAL MYCITE CO-AUTHOR

## 8. SHORT DENTAL IMPLANTS ON REHABILITATION OF ATROPHIC MAXILLARY RIDGE UTILIZING DIGITAL PLANNING

MALAYSIAN JOURNAL OF SCIENCE, HEALTH AND TECHNOLOGY

2021 JOURNAL MYCITE CO-AUTHOR

## 9. PRELIMINARY STUDY ON ONLINE ORTHODONTIC SCREENING APPS

INTERNATIONAL JOURNAL OF MEDICAL SCIENCE AND INNOVATIVE RESEARCH

2021 JOURNAL OTHER DATABASE CO-AUTHOR

## 10. A COMPARATIVE STUDY OF DENTAL INDICES AMONG DENTAL STUDENTS

JOURNAL OF INTERNATIONAL DENTAL AND MEDICAL RESEARCH

2020 JOURNAL SCOPUS CO-AUTHOR

## 11. STUDENTS PERCEPTION ON USAGE OF ORTHODONTIC INDICES DURING CLINICAL EXAMINATION

4TH INTERNATIONAL HEALTH E CONFERENCE

2020 PROCEEDING NON-INDEX CO-AUTHOR

## 12. WHO CAN COPE BETTER WITH STRESS? COMPARISON BETWEEN TWO UNIVERSITIES

NATIONAL DENTAL STUDENTS SCIENTIFIC CONFERENCE SPECIAL EDITION 2020

2020 PROCEEDING NON-INDEX CO-AUTHOR

## 13. A COMPARATIVE STUDY OF DENTAL AESTHETIC INDEX (DAI) AND INDEX OF ORTHODONTIC TREATMENT NEED (IOTN) USAGE AMONG USIM DENTAL STUDENTS

4TH INTERNATIONAL HEALTH E CONFERENCE

2020 PROCEEDING NON-INDEX CO-AUTHOR

# PUBLICATION

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## **14. A RANDOMIZED CONTROLLED TRIAL ON THE EFFICACY OF TWO TYPES OF MANUAL TOOTHBRUSHES IN PATIENTS WITH FIXED APPLIANCES**

JOURNAL OF INTERNATIONAL DENTAL AND MEDICAL RESEARCH

2019 JOURNAL SCOPUS MAIN AUTHOR

## **15. THE PSYCHOSOCIAL IMPACT OF DENTAL AESTHETICS ON ORTHODONTIC PATIENTS**

JOURNAL OF INTERNATIONAL DENTAL AND MEDICAL RESEARCH

2019 JOURNAL SCOPUS CO-AUTHOR

## **16. AWARENESS OF FAKE BRACES USAGE AMONG Y-GENERATIONS**

JOURNAL OF INTERNATIONAL DENTAL AND MEDICAL RESEARCH

2019 JOURNAL SCOPUS CO-AUTHOR

## **17. A COMPARATIVE STUDY OF DAI AND IOTN INDICES USAGE AMONG USIM DENTAL STUDENTS**

52ND SCIENTIFIC CONGRESS OF KOREAN ASSOCIATION OF ORTHODONTIST

2019 PROCEEDING NON-INDEX CO-AUTHOR

## **18. PLAQUE REMOVAL EFFICIENCY COMPARISON BETWEEN TWO TYPES OF MANUAL TOOTHBRUSHES IN PATIENTS UNDERGOING FIXED ORTHODONTIC TREATMENT: A RANDOMISED CLINICAL TRIAL**

DIGITAL ORTHODONTICS: WHERE ARE WE HEADED? 24TH MALAYSIAN ASSOCIATION OF ORTHODONTISTS INTERNATIONAL SCIENTIFIC CONFERENCE AND TRADE EXHIBITION 21ST ? 23RD APRIL 2018, PENANG

2018 PROCEEDING NON-INDEX MAIN AUTHOR

## **19. PREVALENCE OF IMPACTED CANINES AMONG OUTPATIENTS IN USIM POLYCLINIC**

DIGITAL ORTHODONTICS: WHERE ARE WE HEADED? 24TH MALAYSIAN ASSOCIATION OF ORTHODONTISTS INTERNATIONAL SCIENTIFIC CONFERENCE AND TRADE EXHIBITION (MAOISCTE)

2018 PROCEEDING NON-INDEX MAIN AUTHOR

## **20. RADIOGRAPH IN ORTHODONTICS**

2018 BOOK CO-AUTHOR

## **21. A PRELIMINARY STUDY ON THE EFFICACY OF TWO TYPES OF MANUAL TOOTHBRUSHES IN PATIENTS WITH FIXED APPLIANCES**

22ND MALAYSIAN ASSOCIATION OF ORTHODONTISTS INTERNATIONAL SCIENTIFIC CONFERENCE AND TRADE EXHIBITION 2016.

2016 PROCEEDING NON-INDEX CO-AUTHOR

## **22. ORTHODONTICS : EXAMINATION AND DIAGNOSIS**

2016 BOOK CO-AUTHOR

## **23. ENDOGENOUS IGF-I PRODUCTION BY EXERCISED SKELETAL MUSCLE CONSTRUCT; THE EFFECT OF DIFFERENT STRAIN REGIMES**

FDI BANGKOK 2015

2015 PROCEEDING NON-INDEX MAIN AUTHOR

## **24. COMPARISON BETWEEN MOLAR BANDS, BONDABLE TUBES AND AND BONDABLE TUBES WITH FLOWABLE COMPOSITES**

SCIENTIFIC COOPERATIONS MEDICAL WORKSHOPS

2015 PROCEEDING NON-INDEX CO-AUTHOR

# CONSULTATION

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## 1. ORTHODONTICS AND ORAL DEVELOPMENT

FACULTY OF DENTAL MEDICINE, UNIVERSITAS AIRLANGGA

2019

UNIVERSITY

# AWARDS/RECOGNITION

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## 1. ACADEMIC ADVISOR

FACULTY OF DENTISTRY UNIVERSITI SAINS ISLAM MALAYSIA

2023 UNIVERSITY

## 2. SIJIL ANUGERAH PENULIS HARAPAN

2022 OTHERS

## 3. SILVER AWARD (PRODUCT) INOVAS 2022

2022 UNIVERSITY

## 4. POSCARE APP

INOVAS 2022: Human Well-being & Sustainable Community

2022 UNIVERSITI SILVER

## 5. 3RD PLACE FOR BEST EPOSTER AWARD (UNDERGRADUATE CATEGORY) IN 4TH INTERNATIONAL HEALTH ECONFERENCE 2020

2020 INTERNATIONAL

## 6. ACADEMIC ADVISOR

PUSAT PENGURUSAN PENYELIDIKAN DAN INOVASI UNIVERSITI SAINS ISLAM MALAYSIA

2020 OTHERS

## 7. ACADEMIC ADVISOR

PUSAT PENGURUSAN PENYELIDIKAN DAN INOVASI UNIVERSITI SAINS ISLAM MALAYSIA

2020 OTHERS

## 8. ACADEMIC ADVISOR

FACULTY OF DENTISTRY UNIVERSITI SAINS ISLAM MALAYSIA

2020 OTHERS

## 9. 1ST PLACE FOR ORAL PRESENTATION, 6TH USIM DENTAL STUDENTS COLLOQUIUM 2019

2019 OTHERS

## 10. BEST RESEARCH, 6TH USIM DENTAL STUDENTS COLLOQUIUM 2019

2019 OTHERS

## 11. BRONZE

2017 INTERNATIONAL

## 12. DENTOLIGHT : ILLUMINATE YOUR VISTON

NOVEL RESEARCH INNOVATION AND COMPETITION (NRIC 2017)

2017 KEBANGSAAN BRONZE

## 13. GOLD FOR DENTOLIGHT

2016 UNIVERSITY

## 14. BRONZE FOR IGIGS

2016 UNIVERSITY

## AWARDS/RECOGNITION

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### 15. DENTOLIGHT

EKSPO INOVASI ISLAM 1438H (i-INOVA16)

2016 UNIVERSITI GOLD

### 16. IGIGS

EKSPO INOVASI ISLAM 1438H (i-INOVA16)

2016 UNIVERSITI BRONZE

### 17. 2ND BEST ORAL PRESENTATION

2015 OTHERS