

Profile Image

## PROF. MADYA DR. AZRUL HAFIZ BIN ABDUL AZIZ

PENSYARAH PERGIGIAN DUG15

### CONTACT

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**Faculty:** Fakulti Pergigian

### SUPERVISION

PhD - Completed: 0, Ongoing: 0

Master - Completed: 0,  
Ongoing: 0

## AREAS OF EXPERTISE

Orthodontics

## ACADEMIC QUALIFICATION

Master in Orthodontics (2011)

Sarjana Kepakaran in Orthodontics (2011)

Bachelor in Pergigian (2004)

## RESEARCH

### 1. COLOUR STAINING ON 3D-PRINTED RETAINERS VERSUS VACUUM-FORMED ALIGNERS

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

### 2. THE COMPARISON OF ACCURACY BETWEEN INTRA-ORAL SCANNERS (DIGITAL STUDY MODEL) AND CONVENTIONAL STUDY MODEL

2024 GERAN PENYELIDIKAN PUSAT TANGGUNGJAWAB (PTJ) ON GOING  
CO-RESEARCHER

### 3. THE MECHANICAL PROPERTIES OF A 3D PRINTED RETAINER AND A CONVENTIONAL VACUUM-THERMOFORMED RETAINER BEFORE AND AFTER THERMOCYCLING

2024 GERAN PENYELIDIKAN PUSAT TANGGUNGJAWAB (PTJ) ON GOING  
CO-RESEARCHER

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

2023 GERAN PENYELIDIKAN PUSAT TANGGUNGJAWAB (PTJ) ON GOING  
MAIN RESEARCHER

### 5. 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 CO-RESEARCHER

# RESEARCH

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## 6. THE EFFECTIVENESS OF ONLINE CLASSES DURING COVID-19 PANDEMIC

2021 BIDUNI MIZANNIYAH COMPLETED MAIN RESEARCHER

## 7. DEVELOPMENT OF ONLINE ORTHODONTIC SCREENING FOR TREATMENT AND EDUCATION

2020 GERAN PENYELIDIKAN COVID-19 COMPLETED MAIN RESEARCHER

## 8. AN ASSESSMENT OF PATIENT'S COMPLIANCE IN WEARING REMOABLE ORTHODONTIC APPLIANCE

2019 GERAN PENYELIDIKAN KHAS COMPLETED MAIN RESEARCHER

## 9. KNOWLEDGE, ATTITUDE AND PRACTICES TOWARDS HAND, FOOT AND MOUTH DISEASE (HFMD) AMONG DENTAL COMMUNITY IN UNIVERSITI SAINS ISLAM MALAYSIA (USIM)

2018 PENYELIDIKAN TANPA BIAYA COMPLETED CO-RESEARCHER

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

2017 GERAN PENYELIDIKAN USIM COMPLETED CO-RESEARCHER

## 11. INDEKS SYARIAH MALAYSIA (FASA 2)

2016 GERAN PENYELIDIKAN AGENSI KERAJAAN COMPLETED CO-RESEARCHER

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

2016 GERAN JANGKA PENDEK FASA 1 COMPLETED CO-RESEARCHER

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

2016 GERAN JANGKA PENDEK FASA 1 COMPLETED MAIN RESEARCHER

## 14. 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

## 15. THE RELATIOSHIP BETWEEN THE SKELETAL AGE AND THE CHORONOLOGICAL AGE AMONG PATIENTS ATTENDING ORTHODONTIC CLINIC OF FACULTY OF DENTISTRY, USIM

2014 GERAN PENYELIDIKAN JANGKA PENDEK COMPLETED CO-RESEARCHER

## 16. RAPID METHOD FOR DETECTION OF ETHANOL CONTENT IN MOUTHWASH USING LOCALLY FABRICATED PORTABLE ELECTRONIC NOSE

2013 GERAN KPT COMPLETED CO-RESEARCHER

## 17. HALAL AUTHENTICATION OF ORTHODONTICS DENTAL MATERIALS USING RAPID FOURIER INFRARED SPECTROSCOPY (FTIR) METHOD

2013 GERAN KPT COMPLETED MAIN RESEARCHER

## 18. ASSESSMENT OF FAILURE RATE BETWEEN MOLAR BANDS, BONDABLE TUBES AND BONDABLE TUBES WITH FLOWABLE COMPOSITE

2013 GERAN KPT COMPLETED MAIN 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. DESCRIPTION OF POLY(ARYL-ETHER-KETONE) MATERIALS (PAEKs), POLYETHERETHERKETONE (PEEK) AND POLYETHERKETONEKETONE (PEKK) FOR APPLICATION AS A DENTAL MATERIAL: A MATERIALS SCIENCE REVIEW

POLYMERS

2023 JOURNAL ERA CO-AUTHOR

## 4. DENTOALVEOLAR AND SOFT TISSUE COMPENSATION IN CLASS III MALOCCLUSION

INTERNATIONAL MEDICAL JOURNAL

2023 JOURNAL SCOPUS CORRESPONDING AUTHOR

## 5. THE PERCEPTION OF STUDENT ON ONLINE CLASSES

THE 29TH MALAYSIA ASSOCIATION OF ORTHODONTIST INTERNATIONAL SCIENTIFIC CONFERENCE AND TRADE EXHIBITION

2023 PROCEEDING NON-INDEX CO-AUTHOR

## 6. RAWATAN PERGIGIAN PEDIATRIK DAN ORTODONTIK

2023 BOOK EDITOR

## 7. RAWATAN PEMBEDAHAN PERGIGIAN DAN PENYAKIT DALAM MULUT

2023 BOOK CO-AUTHOR & CO-EDITOR

## 8. CABUTAN GIGI

RAWATAN PEMBEDAHAN PERGIGIAN DAN PENYAKIT DALAM MULUT

2023 CHAPTER IN BOOK CO-AUTHOR & CO-EDITOR

## 9. KEPAKARAN PERGIGIAN ORTODONTIK

RAWATAN PERGIGIAN PERGIGIAN PEDIATRIK DAN ORTODONTIK

2023 CHAPTER IN BOOK CORRESPONDING AUTHOR

## 10. PENJAJAR LUTSINAR (ALIGNERS)

RAWATAN PERGIGIAN PEDIATRIK DAN ORTODONTIK

2023 CHAPTER IN BOOK MAIN AUTHOR

## 11. ATTITUDES TOWARD COVID-19 VACCINATION AMONG MALAYSIAN RESIDENTS IN THE FIRST HALF OF 2021: AN INTERNET-BASED STUDY

INTERNATIONAL MEDICAL JOURNAL

2022 JOURNAL OTHER DATABASE CO-AUTHOR

## 12. ONLINE ORTHODONTICS SCREENING FOR DENTAL EDUCATION

JOURNAL OF INTERNATIONAL DENTAL AND MEDICAL RESEARCH

2022 JOURNAL SCOPUS MAIN AUTHOR / CONTACT PERSON IN USIM

## 13. PATIENT'S PERCEPTION OF PAIN AND DISCOMFORT TOWARDS ORTHODONTIC TREATMENTS

EUROPEAN JOURNAL OF DENTISTRY AND ORAL HEALTH

2021 JOURNAL OTHER DATABASE MAIN AUTHOR / CONTACT PERSON IN USIM

# PUBLICATION

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## 14. PRELIMINARY STUDY ON ONLINE ORTHODONTIC SCREENING APPS

INTERNATIONAL JOURNAL OF MEDICAL SCIENCE AND INNOVATIVE RESEARCH

2021 JOURNAL OTHER DATABASE MAIN AUTHOR / CONTACT PERSON IN USIM

## 15. PATIENT'S COMPLIANCE ON REMOVABLE ORTHODONTIC APPLIANCE

JOURNAL OF MEDICAL AND DENTAL SCIENCE RESEARCH

2021 JOURNAL OTHER DATABASE MAIN AUTHOR / CONTACT PERSON IN USIM

## 16. MAXILLARY MOLAR ROOT DISPLACEMENT INTO THE MAXILLARY SINUS

MALAYSIAN JOURNAL OF SCIENCE HEALTH & TECHNOLOGY

2021 JOURNAL OTHERS DATABASE CO-AUTHOR

## 17. PARADIGM SHIFT IN DENTAL EDUCATION DUE TO COVID-19

MOD RES DENT

2021 JOURNAL OTHER DATABASE MAIN AUTHOR / CONTACT PERSON IN USIM

## 18. ORTHODONTIC SCREENING USING ONLINE APPLICATION: A PRELIMINARY STUDY

28TH OF INTERNATIONAL ASSOCIATION PEDIATRIC DENTIST

2021 PROCEEDING NON-INDEX MAIN AUTHOR

## 19. INFORMATION RETENTION IN DIFFERENT METHODS OF ORAL HYGIENE INSTRUCTION DELIVERY AMONG ORTHODONTICS PATIENTS.

INDIAN JOURNAL OF NATURAL SCIENCES

2020 JOURNAL OTHER DATABASE CO-AUTHOR

## 20. LOWER INCISOR INCLINATION AND BONY SUPPORT IN CLASS II SKELETAL PATTERN PATIENTS-CBCT STUDY

JOURNAL OF RESEARCH IN MEDICAL AND DENTAL SCIENCE

2020 JOURNAL WOS CO-AUTHOR

## 21. COULD ANTISEPTIC GARGLING PREVENT COVID-19.

TROPICAL BIOMEDICINE

2020 JOURNAL ISI CO-AUTHOR

## 22. THE PSYCHOSOCIAL IMPACT OF DENTAL AESTHETICS ON ORTHODONTICS PATIENTS

JOURNAL OF INTERNATIONAL DENTAL AND MEDICAL RESEARCH

2019 JOURNAL SCOPUS MAIN AUTHOR

## 23. THE IMPACT OF FIXED APPLIANCES (BRACES) ON QUALITY OF LIFE

JOURNAL OF INTERNATIONAL DENTAL AND MEDICAL RESEARCH

2019 JOURNAL SCOPUS MAIN AUTHOR

## 24. DENTOALVEOLAR AND SOFT TISSUE COMPENSATION IN CLASS III PATIENTS ATTENDING USIM POLYCLINIC

MAOSCTE 2019

2019 PROCEEDING NON-INDEX CO-AUTHOR

## 25. ORTODONTIK

GIGI MENURUT PERSPEKTIF ISLAM DAN PERGIGIAN

2019 CHAPTER IN BOOK MAIN AUTHOR

## 26. THE DEVELOPMENT OF RAPID METHOD FOR DETECTION OF ETHANOL IN MOUTHWASH USING E-NOSE.

CONTEMPORARY MANAGEMENT AND SCIENCE ISSUES IN THE HALAL INDUSTRY

2019 CHAPTER IN BOOK CO-AUTHOR

# PUBLICATION

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## 27. THE IMPACT OF ORTHODONTICS TREATMENT ON QUALITY OF LIFE.

MAOSCTE 2018

2018 PROCEEDING NON-INDEX CO-AUTHOR

## 28. THE PSYCHOSOCIAL IMPACT OF DENTAL MALOCCLUSION ON PATIENTS WHO REQUIRE ORTHODONTIC TREATMENT. 2018

MAOSCTE 2018

2018 PROCEEDING NON-INDEX CO-AUTHOR

## 29. RADIOGRAPH IN ORTHODONTICS

2018 BOOK CO-AUTHOR

## 30. THE DEVELOPMENT AND EVALUATION OF WATER IRRIGATOR FOR PLAQUE REMOVAL.

THE INTERNATIONAL MEDICAL JOURNAL MALAYSIA.

2017 JOURNAL SCOPUS CO-AUTHOR

## 31. THE AUTHENTICATION OF HALAL DENTAL MATERIALS USING RAPID FOURIER TRANSFORM INFRARED (FTIR) SPECTROSCOPY.

ADVANCED SCIENCE LETTERS

2017 JOURNAL SCOPUS MAIN AUTHOR

## 32. THE RELATIONSHIP BETWEEN THE SKELETAL AGE AND THE CHRONOLOGICAL AGE AMONG PATIENTS ATTENDING DENTAL CLINIC OF FACULTY OF DENTISTRY, USIM

ADVANCED SCIENCE LETTERS

2017 JOURNAL SCOPUS CO-AUTHOR

## 33. THE DEVELOPMENT AND EVALUATION OF WATER IRRIGATOR FOR PLAQUE REMOVAL

1ST IUM INTERNATIONAL DENTAL CONFERENCE

2017 PROCEEDING NON-INDEX MAIN AUTHOR

## 34. HALAL AUTHENTICATION OF ORTHODONTIC ADHESIVE MATERIALS USING RAPID FTIR SPECTROSCOPY.

22ND MALAYSIA ASSOCIATION OF ORTHODONTIST INTERNATIONAL SCIENTIFIC CONFERENCE AND TRADE EXHIBITION

2016 PROCEEDING NON-INDEX MAIN AUTHOR

## 35. THE ASSESSMENT OF BOLTON'S DISCREPANCIES AMONG MALAY PATIENTS IN USIM ORTHODONTIC CLINIC

FIQH PERGIGIAN NUSANTARA

2016 PROCEEDING NON-INDEX MAIN AUTHOR

## 36. ORTHODONTICS EXAMINATION AND DIAGNOSIS

2016 BOOK MAIN AUTHOR

## 37. WHITE SPOT LESION AMONG PATIENTS ATTENDING USIM ORTHODONTICS CLINIC

INTERNATIONAL DENTAL JOURNAL

2015 JOURNAL WOS MAIN AUTHOR

## 38. ASSESSMENT OF FAILURE RATE BETWEEN MOLAR BANDS, BONDABLE TUBES AND BONDABLE TUBES WITH FLOWABLE COMPOSITE

21ST MAO INTERNATIONAL SCIENTIFIC CONFERENCE AND TRADE EXHIBITION

2015 PROCEEDING NON-INDEX MAIN AUTHOR

## 39. COMPARISON BETWEEN MOLAR BANDS, BONDABLE TUBES WITH FLOWABLE COMPOSITE

SCIENTIFIC COOPERATION MEDICAL WORKSHOP

2015 PROCEEDING NON-INDEX MAIN AUTHOR

# PUBLICATION

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## 40. RAPID METHOD FOR DETECTION OF ETHANOL CONTENT IN MOUTHWASH USING LOCALLY FABRICATED PORTABLE ELECTRONIC NOSE

SCIENTIFIC COOPERATION MEDICAL WORKSHOP

2015 PROCEEDING NON-INDEX CO-AUTHOR

## 41. THE CHANGES IN EATING PATTERN AND WEIGHT OF PATIENTS WEARING FIXED ORTHODONTIC APPLIANCES AT USIM DENTAL CLINIC

21ST MAO INTERNATIONAL SCIENTIFIC CONFERENCE AND TRADE EXHIBITION

2015 PROCEEDING NON-INDEX CO-AUTHOR

## 42. ESTHETIC CONSIDERATIONIN CONJUNCTION WITH PERIODONTIC AND ORTHODONTIC APPROACHES IN CLASS IIINGIVAL RECESSON: A CASE REPORT.

WORLD APPLIED SCIENCES JOURNAL

2014 JOURNAL WOS CO-AUTHOR

## 43. REASONS FOR SEEKING ORTHODONTIC TREATMENT AMONG PATIENTS ATTENDING USIM'S DENTAL CLINIC

19TH MAO INTERNATIONAL SCIENTIFIC CONFERENCE AND TRADE EXHIBITION

2013 PROCEEDING NON-INDEX CO-AUTHOR

## 44. ESTHETIC CONSIDERATION IN CONJUNCTION WITH PERIODONTIC AND ORTHODONTIC APPROACHES IN CLASS III GINGIVAL RECESSON

INTERNATIONAL CONFERENCE ON INNOVATION CHALLENGES IN MULTIDISCIPLINARY RESEARCH AND PRACTICEE

2013 PROCEEDING NON-INDEX CO-AUTHOR

## 45. RHEOLOGICAL PROPERTIES OF ORTHODONTICS PRIMERS

18TH MAO INTERNATIONAL SCIENTIFIC CONFERENCES AND TRADE EXHIBITION

2012 PROCEEDING NON-INDEX MAIN AUTHOR

## 46. ORAL HYGIENE STATUS AMONG FIRST YEAR DENTAL STUDENTS AT ISLAMIC SCIENCE UNIVERSITY OF MALAYSIA

6TH CONFERENCE OF PEDIATRIC DENTISTRY ASSOCIATION OF ASIA (PDAA) 2008

2008 PROCEEDING NON-INDEX MAIN AUTHOR

## 47. ASSESSMENT OF ORAL HYGIENE OF FIRST YEAR DENTAL STUDENTS USING MODIFIED TURESKY PLAQUE INDEX.

2008 BOOK MAIN AUTHOR

## 48. ERGONOMIC IN DENTAL PRACTICE.

2006 BOOK MAIN AUTHOR

# CONSULTATION

---

1. RAWATAN PAKAR ORTHODONTICS

NONE

2018 NATIONAL

2. RAWATAN PAKAR ORTHODONTICS

2012 UNIVERSITY

# AWARDS/RECOGNITION

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## 1. ANUGERAH PERKHIDMATAN SETIA

2023 UNIVERSITY

## 2. POSCARE APP

INOVAS 2022: Human Well-being & Sustainable Community

2022 UNIVERSITY SILVER

## 3. ANUGERAH WRITER OF THE MONTH JULY 2021

2021 UNIVERSITY

## 4. SILVER MEDAL

2021 UNIVERSITY

## 5. ACADEMIC ADVISOR

UNIVERSITI TEKNOLOGI MARA

2021 STATE

## 6. ANUGERAH WRITER OF THE MONTH (OGOS)

2020 UNIVERSITY

## 7. ACADEMIC ADVISOR

MALAYSIA QUALIFICATION AGENCY

2020 UNIVERSITY

## 8. ANUGERAH WRITER OF THE MONTH JULY

2019 UNIVERSITY

## 9. USIM TOP 100 RESEARCHERS

2018 UNIVERSITY

## 10. TOP 100 RESEARCHERS USIM ( 2013-2017)

TOP 100 RESEARCHERS

2018 UNIVERSITY CERTIFICATE OF APPRECIATION

## 11. ANUGERAH KURSUS AKTIF GOALS 2017

2017 UNIVERSITY

## 12. ANUGERAH PERKHIDMATAN CEMERLANG

2016 UNIVERSITY

## 13. STAFF CONTOH BULAN APRIL

2015 OTHERS

## 14. ANUGERAH TERPUJI

2014 UNIVERSITY