Profile Image

PROF. MADYA DR. NOR AZILA BINTI NOH

PENSYARAH PERUBATAN DU14

CONTACT

PHONE
03-42892498

E-MAIL
azila@usim.edu.my

FACULTY
Fakulti Perubatan Dan Sains Kesihatan

SUPERVISION

	COMPLETED	ONGOING
PhD	0	1
Master	3	0

AREAS OF EXPERTISE

Neurocognitive Patterns And Neural Networks

Medical Sciences

ACADEMIC QUALIFICATION

2012 **PhD** - Cognitive Neuroscience

2005 **Master** - Fisiologi

1999 **Bachelor** - Perubatan

RESEARCH

1. **AUGMENTING FLUID INTELLIGENCE IN UNDERPRIVILEGED CHILDREN WITH HIGH-RISK OF DEPRESSION VIA EEG NEUROFEEDBACK AND COGNITIVE GAMIFICATION**
   2025 | GERAN ANTARABANGSA | ON GOING | MAIN RESEARCHER

2. **THE INVESTIGATION OF SURATUL QURAN ONTO COGNITIVE FUNCTIONAL BY BRAINWAVE PATTERN EVALUATION AMONG UNIVERSITY STUDENTS**
   2024 | GERAN PENYELIDIKAN TRANSDISIPLINARI | ON GOING | CO-RESEARCHER

3. **DEVELOPMENT OF WORKPLACE INTERVENTION PROGRAM TO REDUCE RISK OF WORKPLACE-RELATED DISORDERS (WRD)**
   2024 | GERAN PENYELIDIKAN INDUSTRI | ON GOING | CO-RESEARCHER

4. **INVESTIGATING THE EFFICACY OF EEG-NEUROFEEDBACK TRAINING IN ENHANCING EXECUTIVE FUNCTIONING AND SELF-REGULATION AMONG HIGHLY STRESSED ADOLESCENTS**
   2024 | BIDUNI MIZANNIYAH | ON GOING | CO-RESEARCHER

5. **ISLAH (INDEX OF SPIRITUALITY HEALTH): HARNESSING AI FOR EARLY DETECTION AND PERSONALIZED INTERVENTION FOR SPIRITUAL WELLBEING FOR MUSLIM YOUTH**
   2024 | GERAN PENYELIDIKAN USIM | ON GOING | CO-RESEARCHER

RESEARCH

6. RELIGIOUS COPING MECHANISM DURING COVID-19 PANDEMIC AND THE TENDENCY TO ATTEMPT MURTAD AMONG UNIVERSITY STUDENTS

2021 | GERAN PENYELIDIKAN KHAS | COMPLETED | CO-RESEARCHER

7. BRAIN-COMPUTER INTERFACE WITH MACHINE LEARNING FOR MOVEMENT INSTRUCTIONS IN ROBUST ENVIRONMENT

2021 | BIDUNI MIZANNIYAH | ON GOING | CO-RESEARCHER

8. THE FACTORS AND BRAIN CONNECTIVITY OF LOVE HURTS PHENOMENON AMONG UNMARRIED FEMALES USING FMRI EXTENDED BAYESIAN MODEL ANALYSIS

2019 | GERAN PENYELIDIKAN USIM | COMPLETED | CO-RESEARCHER

9. PSYCHOPHYSIOLOGICAL STATUS OF MALAYSIAN YOUTH INVOLVE IN ESPORTS

2019 | GERAN PENYELIDIKAN USIM | COMPLETED | CO-RESEARCHER

10. DEVELOPMENT OF INTEGRATION OF NAQLI AND AQLI KNOWLEDGE MODEL AS AN EPISTEMOLOGICAL FOUNDATION IN MOULDING UNIVERSITI SAINS ISLAM MALAYSIA?S EDUCATIONAL PRACTICES

2018 | GERAN PENYELIDIKAN USIM | COMPLETED | CO-RESEARCHER

11. TRANSCRANIAL DIRECT CURRENT STIMULATION FOR TREATMENT OF REFRACTORY TEMPORAL LOBE EPILEPSY

2018 | GERAN PENYELIDIKAN USIM | COMPLETED | CO-RESEARCHER

12. PROTOTYPE DEVELOPMENT AND FIELD TESTING OF A USER-FRIENDLY NON-PERMENANT IMPERATIVE (AUNI) BOARD AND DATA TRANSFER SOFTWARE TO BE UTILIZED AT DISASTER SITE.

2015 | GERAN KPT | COMPLETED | CO-RESEARCHER

13. PHYSIOLOGICAL AND PHYSICAL FITNESS OF MALAYSIAN YOUTH (MALE) UNDERGOING ARCHERY TRAINING PROGRAMME.

2015 | GERAN KPT | COMPLETED | CO-RESEARCHER

14. ROLE OF BLOOD PRESSURE VARIABILITY IN THE PATHOHENESIS OF HYPERTENSIVE DISORDERS IN PREGNANCY AND ITS CORRELATION WITH RETINOPATHY AND LOW BIRTH WEIGHT

2015 | GERAN PENYELIDIKAN PENTADBIR | COMPLETED | CO-RESEARCHER

15. EXPLORING UHEAR HEARING APPLICATION AS AN INITIAL MOBILE SCREENING TOOL FOR THE UNDERPRIVILEGED

2015 | GERAN PENYELIDIKAN JANGKA PENDEK | COMPLETED | CO-RESEARCHER

16. THE MECHANISM OF VISUAL CORTICAL DYSFUNCTION AFTER PANRETINAL PHOTOCOAGULATION ON PROLIFERATIVE DIABETIC RETINOPATHY

2014 | GERAN PENYELIDIKAN KOMPETITIF BERPASUKAN | COMPLETED | CO-RESEARCHER

17. AN EMOTION MODEL FOR QURANIC THERAPY ON BRAINWAVE PATTERNS

2013 | GERAN KPT | COMPLETED | CO-RESEARCHER

RESEARCH

18. A STUDY ON THE INFLUENCE OF FAMILY DIMENSIONS ON SEXUAL INTENTION AND ACTIVITY AMONG UNMARRIED COLLEGE STUDENTS IN KLANG VALLEY

2013 | GERAN PENYELIDIKAN USIM | COMPLETED | CO-RESEARCHER

19. UNDERSTANDING THE EFFECTS AND MECHANISMS OF PHOENIX DACTYLIFERA AND GOAT&#xFFFD;S MILK TO ALLEVIATE FATIGUE AND GENERATE EMOTIONAL BALANCE

2013 | GERAN KPT | COMPLETED | MAIN RESEARCHER

20. THE EFFECTS OF LISTENING TO THE QURAN ON BRAIN OSCILLATIONS AND MEMORY

2012 | GERAN KPT | COMPLETED | MAIN RESEARCHER

PUBLICATION

1. A FUSION OF DISCRETE WAVELET TRANSFORM-BASED AND TIME-DOMAIN FEATURE EXTRACTION FOR MOTOR IMAGERY CLASSIFICATION

JORDANIAN JOURNAL OF COMPUTERS AND INFORMATION TECHNOLOGY

2024 | JOURNAL | OTHER DATABASE | CO-AUTHOR

2. METABOLOMICS PROFILING OF AGE-ASSOCIATED METABOLITES IN MALAY POPULATION

OXIDATIVE MEDICINE AND CELLULAR LONGEVITY

2023 | JOURNAL | ISI | CO-AUTHOR

3. DRIVER'S PHYSIOLOGICAL MEASURES WITH IN-VEHICLE SECONDARY DISTRACTION: A SYSTEMATIC REVIEW

JURNAL KEJURUTERAAN

2023 | JOURNAL | MYCITE | CO-AUTHOR

4. IDEOLOGI KESAMARATAAN ANTARA LELAKI DAN WANITA BERDASARKAN PERSPEKTIF NAQLI DAN NEUROSAINS

AFKAR: JOURNAL OF 'AQIDAH & ISLAMIC THOUGHT

2023 | JOURNAL | OTHER DATABASE | MAIN AUTHOR

5. FEATURES EXTRACTION TECHNIQUE ANALYSIS OF EEG SIGNAL FOR MOTOR IMAGERY CLASSIFICATION

2023 IEEE INTERNATIONAL CONFERENCE ON ARTIFICIAL INTELLIGENCE IN ENGINEERING AND TECHNOLOGY (IICAIET)

2023 | PROCEEDING | NON-INDEX | CORRESPONDING AUTHOR

6. COMMONLY USED ASSESSMENT METHOD TO EVALUATE MENTAL WORKLOAD FOR MULTIPLE DRIVING DISTRACTIONS: A SYSTEMATIC REVIEW.

IRANIAN JOURNAL OF MEDICAL SCIENCES

2022 | JOURNAL | ERA | MAIN AUTHOR / CONTACT PERSON IN USIM

7. ALTERATION IN THE FUNCTIONAL ORGANISATION OF THE DEFAULT MODE NETWORK FOLLOWING CLOSED NON-SEVERE TRAUMATIC BRAIN INJURY

FRONTIERS IN NEUROSCIENCE

2022 | JOURNAL | ERA | MAIN AUTHOR / CONTACT PERSON IN USIM

PUBLICATION

8. DISRUPTION OF WHITE MATTER INTEGRITY AND ITS RELATIONSHIP WITH COGNITIVE FUNCTION IN NON-SEVERE TRAUMATIC BRAIN INJURY

FRONTIERS IN NEUROLOGY

2022 JOURNAL ERA MAIN AUTHOR / CONTACT PERSON IN USIM

9. COGNITIVE PROCESS IN HIGH NEUROTICISM: INCOMPATIBLE FLEXIBILITY IN FRONTAL BRAIN REGION.

BANGLADESH JOURNAL OF MEDICAL SCIENCE

2022 JOURNAL ISI AND SCOPUS MAIN AUTHOR / CONTACT PERSON IN USIM

10. SIMPLE COORDINATION AND COGNITIVE STIMULATION ACTIVITIES FOR COGNITIVE FUNCTION ASSESSMENTS USING FUNCTIONAL NEAR-INFRARED SPECTROSCOPY

SAINS MALAYSIANA

2022 JOURNAL ISI AND SCOPUS CO-AUTHOR

11. THE DISRUPTION OF WHITE MATTER INTEGRITY AND ITS RELATIONSHIP WITH COGNITIVE FUNCTION IN NON-SEVERE TRAUMATIC BRAIN INJURY.

FRONTIERS IN NEUROLOGY

2022 JOURNAL ERA CO-AUTHOR

12. NEURAL ALTERATIONS IN WORKING MEMORY OF MILD-MODERATE TBI: AN FMRI STUDY IN MALAYSIA

JOURNAL OF NEUROSCIENCE RESEARCH

2022 JOURNAL ERA MAIN AUTHOR / CONTACT PERSON IN USIM

13. A REVIEW OF ELECTROENCEPHALOGRAPHY (EEG) APPLICATION IN EDUCATION

INTERNATIONAL JOURNAL OF EARLY CHILDHOOD SPECIAL EDUCATION

2022 JOURNAL SCOPUS CO-AUTHOR

14. THE USE OF RUQYAH QURANIYAH THERAPY ON THE EFFECT OF BRAIN WAVES HEALING TOURETTE SYNDROME PATIENTS

ANALISA JOURNAL OF SOCIAL SCIENCE AND RELIGION

2022 JOURNAL OTHER DATABASE CO-AUTHOR

15. THE PHILOSOPHICAL EXAMINATION ON INTEGRATION OF KNOWLEDGE AND WAYS FORWARD

INTERNATIONAL JOURNAL OF HUMANITIES, PHILOSOPHY AND LANGUAGE (IJHPL)

2021 JOURNAL OTHER DATABASE CO-AUTHOR

16. IMPROVEMENT OF STRESS-INDUCED CHANGES RELATED TO MOOD AND COGNITIVE FUNCTION IN HEALTHY YOUNG ADULTS FOLLOWING SUPPLEMENTATION WITH AJWA DATES

ULUM ISLAMIYYAH JOURNAL

2019 JOURNAL ERA CO-AUTHOR

17. EFFECT OF AGE ON THE PROTEIN PROFILE OF HEALTHY MALAY ADULTS AND ITS ASSOCIATION WITH COGNITIVE FUNCTION COMPETENCY

JOURNAL OF ALZHEIMER'S DISEASE

2019 JOURNAL ERA CO-AUTHOR

PUBLICATION

18. CLINICAL IMPLICATIONS OF BLOOD PRESSURE VARIABILITY (BPV) IN PREGNANCIES: A REVIEW

HORMONE MOLECULAR BIOLOGY AND CLINICAL INVESTIGATION

2019 JOURNAL ERA CO-AUTHOR

19. EXPLORING UHEAR HEARING APPLICATION AS A MOBILE SCREENING TOOL FOR THE UNDERPRIVILEGED

RAWAL MEDICAL JOURNAL

2018 JOURNAL SCOPUS CO-AUTHOR

20. DNA DAMAGE AND PROTEIN OXIDATION ASSOCIATED WITH AGEING CORRELATE WITH COGNITIVE DYSFUNCTION IN MALAYSIAN POPULATION

FREE RADICAL RESEARCH

2018 JOURNAL WOS CO-AUTHOR

21. EFFECT OF AGE ON THE PROTEIN PROFILE OF HEALTHY MALAY ADULTS AND ITS ASSOCIATION WITH COGNITIVE FUNCTION COMPETENCY

JOURNAL OF ALZHEIMER''S DISEASE

2018 JOURNAL WOS CO-AUTHOR

22. MATERNAL AND NEONATAL OUTCOME OF LOW RISK PREGNANCIES IN AMPANG, SELANGOR

INT. J STUDIES ON CHILDREN, WOMEN, ELDERLY AND DISABLED

2018 JOURNAL OTHER DATABASE CO-AUTHOR

23. KELAWAR DAN PENYAKIT BERJANGKIT

2018 BOOK CO-AUTHOR

24. THE EFFECTS OF GOAT MILK ON PHYSICAL AND NERVOUS SYSTEM DEVELOPMENT ? A REVIEW ON A PROPHETIC FOOD

INTEGRATION OF NAQLI AND AQLI IN MEDICINE

2018 CHAPTER IN BOOK CO-AUTHOR

25. BENEFITS OF DATES IN NEUROLOGICAL DISEASES

INTEGRATION OF NAQLI AQLI IN MEDICAL AND HEALTH PRACTICES

2018 CHAPTER IN BOOK CO-AUTHOR

26. THE EFFECTS OF MUSIC ON COGNITIVE PERFORMANCE IN ATTENTION DEFICIT HYPERACTIVE DISORDER (ADHD) CHILDREN: A SYSTEMATIC REVIEW.

ASIAN JOURNAL OF MULTIDISCIPLINARY R

2017 JOURNAL OTHER DATABASE MAIN AUTHOR

27. VISUAL ACUITY LOSS AFTER PANRETINAL PHOTOCOAGULATION IN PROLIFERATIVE DIABETIC RETINOPATHY: A SYSTEMATIC REVIEW.

ASIAN JOURNAL OF MULTIDISCIPLINARY STUDIES

2017 JOURNAL OTHER DATABASE CO-AUTHOR

PUBLICATION

28. SOCIAL SUPPORT IN RESTORING SIGHT AFTER CATARACT SURGERY FOR THE POOR IN AMPANG HOSPITAL MALAYSIA

ASIAN J OF MULTIDISCIPLINARY STUDIES

2017 JOURNAL OTHER DATABASE CO-AUTHOR

29. IMPROVEMENT OF STRESS-INDUCED CHANGES RELATED TO MOOD AND COGNITIVE FUNCTION IN HEALTHY YOUNG ADULTS FOLLOWING SUPPLEMENTATION WITH AJWA DATES.

INTERNATIONAL CONFERENCE OF FOOD, SCIENCE, NUTRITION

2017 PROCEEDING NON-INDEX CO-AUTHOR

30. RELATIONSHIP BETWEEN EDUCATION AND COGNITIVE PERFORMANCE AMONG HEALTHY MALAY ADULTS

SAINS MALAYSIANA

2016 JOURNAL WOS CO-AUTHOR

31. EXPLORING THE DICHOTOMY OF TRANSCRANIAL MAGNETIC STIMULATION''S FREQUENCIES ON BRAIN WAVE PATTERNS

JURNAL TEKNOLOGI

2016 JOURNAL SCOPUS MAIN AUTHOR

32. PHOENIX DACTYLIFERA (DATE FRUITS) ADMINISTRATION TO ANIMAL MODELS OF NEUROLOGICAL DISEASES: A SYSTEMATIC REVIEW OF HEALTH BENEFITS

CURRENT TOPICS IN NUTRACEUTICAL RESEARCH

2016 JOURNAL WOS CO-AUTHOR

33. COMPARISON OF ACCESS TO MEDICINES BETWEEN KLANG VALLEY AND EAST COAST OF PENINSULAR MALAYSIA FOR CHILDREN LIVING IN POOR HOUSEHOLDS

TROPICAL JOURNAL OF PHARMACEUTICAL RESEARCH

2016 JOURNAL WOS CO-AUTHOR

34. EXPLORING CORTICAL PLASTICITY AND OSCILLATORY BRAIN DYNAMICS VIA TRANSCRANIAL MAGNETIC STIMULATION AND RESTING-STATE ELECTROENCEPHALOGRAM

THE MALAYSIAN JOURNAL OF MEDICAL SCIENCE

2016 JOURNAL WOS MAIN AUTHOR

35. WEKA CLASSIFICATION OF BRAINWAVE PATTERNS FOR PARKINSON''S DISEASE

PATTERN ANALYSIS, INTELLIGENT SECURITY AND THE INTERNET OF THINGS

2015 JOURNAL WOS CO-AUTHOR

36. THETA BURST TRANSCRANIAL MAGNETIC STIMULATION ALTERS THE FUNCTIONAL TOPOGRAPHY OF THE CORTICAL MOTOR NETWORK

MALAYSIAN JOURNAL OF MEDICAL SCIENCE

2015 JOURNAL WOS MAIN AUTHOR

37. EXPLORING THE POTENTIAL OF MAGNETIC STIMULATION TO REVERSE ABNORMAL SYNCHRONY IN BRAIN DISORDERS

INTERNATIONAL CONFERENCE ON MEDICINE AND HEALTH

2015 PROCEEDING NON-INDEX MAIN AUTHOR

PUBLICATION

38. LISTENING TO QURANIC VERSES INDUCES BRAINWAVES ASSOCIATED WITH POSITIVE EMOTIONS

INTERNATIONAL MULTI CONFERENCE ON EDUCATION AND TECHNOLOGY

2015 PROCEEDING NON-INDEX MAIN AUTHOR

39. THE EFFECTS OF MUSIC THERAPY ON ATTENTION DEFICIT HYPERACTIVITY CHILDREN

INTERNATIONAL CONFERENCE ON MEDICINE AND HEALTH

2015 PROCEEDING NON-INDEX CO-AUTHOR

40. DOES GOAT''S MILK AFFECT BRAIN ACTIVITY IN HUMAN: A SYSTEMATIC REVIEW

INTERNATIONAL CONFERENCE ON BIOMEDICAL AND HEALTH SCIENCES RESEARCH 2015

2015 PROCEEDING NON-INDEX CO-AUTHOR

41. THE EFFECT OF DIETARY LIPID ON NEURAL DEVELOPMENT AND FUNCTIONS: A SYSTEMATIC REVIEW

INTERNATIONAL MULTI CONFERENCE ON EDUCATION AND TECHNOLOGY

2015 PROCEEDING NON-INDEX CO-AUTHOR

42. THE EFFECT OF PHOENIX DACTYLIFERA ON NEUROLOGICAL DISEASES IN ANIMAL MODELS: A SYSTEMATIC REVIEW

INTERNATIONAL MULTI CONFERENCE ON EDUCATION AND TECHNOLOGY

2015 PROCEEDING NON-INDEX CO-AUTHOR

43. INTEGRATION OF ISLAMIC PRACTICE IN EYE HEALTH EDUCATION PROGRAM ON COMMON EYE DISEASES FOR COMMUNITY ELDERLY IN RURAL AREA

INTERNATIONAL MULTI CONFERENCE ON EDUCATION AND TECHNOLOGY

2015 PROCEEDING NON-INDEX CO-AUTHOR

44. DO SPIRITUAL AND RELIGIOUS INTERVENTIONS IMPROVE COGNITIVE FUNCTIONS IN ADHD CHILDREN AND ADOLESCENTS: A SYSTEMATIC REVIEW

INTERNATIONAL CONFERENCE ON BIOMEDICAL AND HEALTH SCIENCES RESEARCH 2015

2015 PROCEEDING NON-INDEX CO-AUTHOR

45. DOMINANT FREQUENCY ESTIMATION OF ATRIAL FIBRILLATION FROM HUMAN STUDIES

JOURNAL OF CARDIOVASCULAR ELECTROPHYSIOLOGY

2014 JOURNAL WOS CO-AUTHOR

46. A CLASSIFICATION ON BRAINWAVE PATTERNS FOR PARKINSON PATIENTS USING WEKA

ADVANCES IN INTELLIGENT SYSTEM AND COMPUTING

2014 JOURNAL WOS CO-AUTHOR

47. DOMINANT FREQUENCY ESTIMATION FOR VENTRICULAR FIBRILLATION FROM ANIMAL STUDIES

JOURNAL OF BIOMEDICAL AND HEALTH INFORMATICS

2014 JOURNAL WOS CO-AUTHOR

48. TRANSCRANIAL MAGNETIC STIMULATION, THALAMOCORTICAL DYSRHYTHMIA AND NEUROPSYCHIATRIC DISORDERS

12TH INTERNATIONAL CONFERENCE ON COGNITIVE NEUROSCIENCE ICON2014

2014 PROCEEDING NON-INDEX MAIN AUTHOR

PUBLICATION

49. EXPLORING THE POTENTIAL OF AL-QURAN TO INDUCE PSYCHOPHYSIOLOGICAL COHERENCE BY MODULATING BRAIN RHYTHMS

INTERNATIONAL PROPHETIC HERITAGE SEMINAR SWAN 2014

2014 PROCEEDING NON-INDEX MAIN AUTHOR

50. EXPLORING THE FUNCTIONAL ROLE OF BRAIN RHYTHMS VIA NON-INVASIVE BRAIN STIMULATION

INTERNATIONAL CONFERENCE ON COGNITIVE NEUROSCIENCE

2014 PROCEEDING NON-INDEX MAIN AUTHOR

51. CLASSIFICATION OF BRAINWAVE PATTERNS USING WEKA

4TH WORLD CONGRESS OF INFORMATION AND COMMUNICATION TECHNOLOGY

2014 PROCEEDING NON-INDEX CO-AUTHOR

52. AN EMOTION MODEL OF BRAINWAVE PATTERNS FOR PARKINSON''S PATIENTS

12TH INTERNATIONAL CONFERENCE ON INTELLIGENT DATA ANALYSIS

2014 PROCEEDING NON-INDEX CO-AUTHOR

53. PENJELASAN HADIS KETIDAKSEMPURNAAN AKAL DAN AGAMA WANITA MENURUT PERSPEKTIF NEUROSAINS

INTERNATIONAL PROPHETIC HERITAGE SEMINAR SWAN2014

2014 PROCEEDING NON-INDEX CO-AUTHOR

54. EXPLORING THE POTENTIAL OF AL-QURAN TO INDUCE PSYCHOPHYSIOLOGICAL COHERENCE BY MODULATING BRAIN RHYTHMS

SUNAH ASAS WASATIYYAH: PENCETUS TRANSFORMASI UMMAH

2014 CHAPTER IN BOOK MAIN AUTHOR

55. PENJELASAN HADIS KETIDAKSEMPURNAAN AKAL DAN AGAMA WANITA MENURUT PERSPEKTIF NEUROSAINS

SUNNAH ASAS WASATIYYAH, PENCETUS TRANSFORMASI UMMAH

2014 CHAPTER IN BOOK EDITOR

56. COORDINATE DETECTION AND COLOR IMAGE CLASSIFICATION FOR LEUKAEMIA CELLS

INFORMATION AND COMMUNICATION TECHNOLOGY

2013 JOURNAL SCOPUS CO-AUTHOR

57. A NEUROPHYSIOLOGICAL INSIGHT INTO THE POTENTIAL LINK BETWEEN TRANSCRANIAL MAGNETIC STIMULATION, THALAMOCORTICAL DYSRHYTHMIA AND NEUROPSYCHIATRIC DISORDERS

EXPERIMENTAL NEUROLOGY

2013 JOURNAL WOS CO-AUTHOR

58. EXPLORING THE POTENTIAL OF BRAIN STIMULATION TO REVERSE ABNORMAL ALTERATION OF NEURAL OSCILLATIONS IN PARKINSON&#xFFFD;S DISEASE

INTERNATIONAL CONFERENCE ON ALZHEIMER&#xFFFD;S AND PARKINSON&#xFFFD;S DISEASE

2013 PROCEEDING NON-INDEX MAIN AUTHOR

59. MODULATION OF MOTOR NETWORK OSCILLATION AFTER THETA BURST STIMULATION

BRAIN STIMULATION

2012 JOURNAL WOS CO-AUTHOR

PUBLICATION

60. HUMAN CORTICAL THETA REACTIVITY AFTER REPETITIVE TRANSCRANIAL MAGNETIC STIMULATION

HUMAN BRAIN MAPPING

2012 JOURNAL WOS MAIN AUTHOR

61. LONG LASTING MODULATION OF CORTICAL OSCILLATIONS AFTER CONTINUOUS THETA BURST TRANSCRANIAL MAGNETIC STIMULATION

PLOS ONE

2012 JOURNAL WOS MAIN AUTHOR

62. THE LINK BETWEEN TRANSCRANIAL MAGNETIC STIMULATION AND DYSRHYTHMIC THALAMACORTICAL INTERPLAY

EXPERIMENTAL PSYCHOLOGY CONFERENCE

2011 PROCEEDING NON-INDEX MAIN AUTHOR

63. STIMULATING THE BRAIN NON-INVASIVELY VIA TMS AND EEG

POSTGRADUATE FESTIVAL, UNIVERSITY OF LEICESTER, UK

2011 PROCEEDING NON-INDEX MAIN AUTHOR

64. HUMAN CORTICAL THETA REACTIVITY TO TRANSCRANIAL MAGNETIC STIMULATION

TMS NEUROSCIENCE CONFERENCE

2011 PROCEEDING NON-INDEX MAIN AUTHOR

65. MODULATION OF CORTICAL OSCILLATORY ACTIVITY INDUCED BY HIGH-FREQUENCY REPETITIVE TRANSCRANIAL MAGNETIC STIMULATION

1ST INTERNATIONAL WORKSHOP ON SYNAPTIC PLASTICITIY, SICILY, ITALY

2010 PROCEEDING NON-INDEX MAIN AUTHOR

66. DIRECT ELECTROPHYSIOLOGICAL EVIDENCE OF HUMAN CORTICAL OSCILLATIONS AFTER CONTINUOUS THETA BURST STIMULATION

MAGSTIM TMS SUMMER SCHOOL, UNIVERSITY OF OXFORD, UK

2010 PROCEEDING NON-INDEX MAIN AUTHOR

67. CURRENT PERCEPTION THRESHOLD IN CARPAL TUNNEL SYNDROME IN MALAYSIA

INTERNATIONAL CONFERENCE OF CLINICAL NEUROPHYSIOLOGY

2010 PROCEEDING NON-INDEX MAIN AUTHOR

68. KEFUNGSIAN SARAF SENSORI MEDIAN DAN HUBUNGANNYA DENGAN TEMPOH CARPAL TUNNEL SYNDROME DAN INDEKS JISIM TUBUH

JURNAL SAINS KESIHATAN MALAYSIA

2009 JOURNAL SCOPUS CO-AUTHOR

CONSULTATION

1. NEUROSCIENCE CONSULTANT

TECHBRAIN LLC

2016 NATIONAL

2. MEDICAL RESEARCH CONSULTANT

PERSADA EFEKTIF SDN. BHD.

2015 NATIONAL

AWARDS/RECOGNITION

1. STAF CONTOH BULAN APRIL CETL

2025 UNIVERSITY

2. VISITING LECTURER (PENSYARAH PELAWAT)

JABATAN NEUROSAINS, PUSAT PERUBATAN SAINS KESIHATAN UNIVERSITI SAINS MALAYSIA

2025 NATIONAL

3. ACADEMIC ADVISOR

USIM, PERKESO

2025 UNIVERSITY

4. AUGMENTING FLUID INTELLIGENCE IN UNDERPRIVILEGED CHILDREN WITH HIGH-RISK OF DEPRESSION VIA EEG NEUROFEEDBACK AND COGNITIVE GAMIFICATION

INNOVATION BANK CHALLENGE 2025

2025 ANTARABANGSA SILVER

5. INTEGRATED OUTCOME-BASED EDUCATION (IOBE)

Pertandingan Amalan Inovasi Pengurusan, Karnival Inovasi@UMT 2025

2025 KEBANGSAAN GOLD

6. ACADEMIC ADVISOR

UNIVERSITI SAINS MALAYSIA

2024 NATIONAL

7. VISITING PROFESOR

UNIVERSITAS SAINS AL QURAN, INDONESIA

2024 INTERNATIONAL

8. ACADEMIC ADVISOR

JABATAN NEUROSAINS, PUSAT PENGAJIAN SAINS PERUBATAN, UNIVERSITI SAINS MALAYSIA (USM)

2024 NATIONAL

AWARDS/RECOGNITION

9. INDEX ON SPIRITUAL HEALTH (ISLAH): AN AI EXPERT SYSTEM PROJECT ON SPIRITUAL WELL-BEING ASSESSMENT AND INTERVENTION MANAGEMENT

4TH INNOVATION BANK CHALLENGE 2024 (IBC 2024)

2024 UNIVERSITI GOLD

10. ACADEMIC ADVISOR

INSTITUT SAINS ISLAM (ISI), USIM

2023 UNIVERSITY

11. EXPLORING MOTOR IMAGERY-BASED BCL:FUSION OF DISCRETE WAVELET TRANSFORM (DWT)-BASED AND TIME-DOMAIN FEATURES EXTRACTION FROM A SINGLE-CHANNEL ELECTROENCEPHALOGRAM (EEG) SIGNAL

INNOVATION BANK CHALLENGE 2023 (IBC2023)

2023 UNIVERSITI SILVER

12. INVESTIGATING THE PSYCHOSPIRITUAL, COGNITIVE AND BRAINWAVE PATTERNS OF INDIVIDUALS WITH TENDENCY TOWARD APOSTASY.

INNOVATION BANK CHALLENGE 2023 (IBC2023)

2023 UNIVERSITI GOLD

13. EMPOWERING UNDERPRIVILEGED CHILDREN BY AUGMENTING FLUID INTELLIGENCE, A COMPREHENSIVE APPROACH CENTRED ON BRAIN MAPPING AND COGNITIVE ROBOTICS

INNOVATION BANK CHALLENGE 2023 (IBC2023)

2023 UNIVERSITI GOLD

14. ANUGERAH AUDITOR DALAMAN MYRA USIM

2022 UNIVERSITY

15. VISITING SCHOLAR

UNIVERSITI SAINS MALAYSIA

2022 NATIONAL

16. VISITING SCHOLAR

UNIVERSITI SAINS MALAYSIA

2022 NATIONAL

17. VISITING SCHOLAR

UNIVERSITY SAINS MALAYSIA

2019 NATIONAL

18. TOP 100 RESEARCHERS USIM (2013-2017)

TOP 100 RESEARCHERS

2018 UNIVERSITI CERTIFICATE OF APPRECIATION

19. VISITING RESEARCHER

CENTRE FOR NEUROSCIENCE SERVICES AND RESEARCH, UNIVERSITI SAINS MALAYSIA

2017 NATIONAL

AWARDS/RECOGNITION

20. VISITING SCHOLAR

PUSAT PERKHIDMATAN DAN PENYELIDIKAN NEUROSAINS (P3NEURO) USM

2017 NATIONAL

21. VISITING SCHOLAR

PUSAT PERKHIDMATAN DAN PENYELIDIKAN NEUROSAINS P3NEURO

2017 NATIONAL

22. PATENT 2016000429 GRID-VIEW MACHINE VISION SYSTEM FOR CONVERTING ALPHANUMERIC IMAGE TO TEXT FORMAT

2016 NATIONAL

23. VISITING RESEARCHER

CHINA-CUBA LAB UNIVERSITY OF ENGINEERING, SCIENCE AND TECHNOLOGY (UESTC) CHENGDU, CHINA

2016 INTERNATIONAL

24. BEST POSTER FOR INTERNATIONAL CONFERENCE ON AGEING

2015 NATIONAL

25. VISITING RESEARCHER

ISLAMIC SCIENCE INSTITUTE, USIM

2015 UNIVERSITY

26. ANUGERAH PENERBITAN JOURNAL TERBAIK (KATEGORI KLUSTER SAINS TEKNOLOGI)

2014 UNIVERSITY

27. PRESTASI PENGAJIAN CEMERLANG

2012 UNIVERSITY

28. PRESTASI PENGAJIAN CEMERLANG

2011 UNIVERSITY

29. PRESTASI PENGAJIAN CEMERLANG

2010 UNIVERSITY