Profile Image

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CONTACT

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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. UNDERSTANDING THE EFFECTS AND MECHANISMS OF PHOENIX DACTYLIFERA AND GOAT�S MILK TO ALLEVIATE FATIGUE AND GENERATE EMOTIONAL BALANCE

2013 | GERAN KPT | COMPLETED | MAIN RESEARCHER

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

2012 | GERAN KPT | COMPLETED | MAIN RESEARCHER

PUBLICATION

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

AFKAR: JOURNAL OF 'AQIDAH & ISLAMIC THOUGHT

2023 JOURNAL OTHER DATABASE MAIN AUTHOR

2. 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

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

JURNAL TEKNOLOGI

2016 JOURNAL SCOPUS MAIN AUTHOR

4. 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

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

MALAYSIAN JOURNAL OF MEDICAL SCIENCE

2015 JOURNAL WOS MAIN AUTHOR

6. 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

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

INTERNATIONAL MULTI CONFERENCE ON EDUCATION AND TECHNOLOGY

2015 PROCEEDING NON-INDEX MAIN AUTHOR

8. TRANSCRANIAL MAGNETIC STIMULATION, THALAMOCORTICAL DYSRHYTHMIA AND NEUROPSYCHIATRIC DISORDERS

12TH INTERNATIONAL CONFERENCE ON COGNITIVE NEUROSCIENCE ICON2014

2014 PROCEEDING NON-INDEX MAIN AUTHOR

9. 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

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

INTERNATIONAL CONFERENCE ON COGNITIVE NEUROSCIENCE

2014 PROCEEDING NON-INDEX MAIN AUTHOR

PUBLICATION

11. 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

12. EXPLORING THE POTENTIAL OF BRAIN STIMULATION TO REVERSE ABNORMAL ALTERATION OF NEURAL OSCILLATIONS IN PARKINSON'S DISEASE

INTERNATIONAL CONFERENCE ON ALZHEIMER'S AND PARKINSON'S DISEASE

2013 | PROCEEDING | NON-INDEX | MAIN AUTHOR

13. HUMAN CORTICAL THETA REACTIVITY AFTER REPETITIVE TRANSCRANIAL MAGNETIC STIMULATION

HUMAN BRAIN MAPPING

2012 | JOURNAL | WOS | MAIN AUTHOR

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

PLOS ONE

2012 | JOURNAL | WOS | MAIN AUTHOR

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

EXPERIMENTAL PSYCHOLOGY CONFERENCE

2011 | PROCEEDING | NON-INDEX | MAIN AUTHOR

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

POSTGRADUATE FESTIVAL, UNIVERSITY OF LEICESTER, UK

2011 | PROCEEDING | NON-INDEX | MAIN AUTHOR

17. HUMAN CORTICAL THETA REACTIVITY TO TRANSCRANIAL MAGNETIC STIMULATION

TMS NEUROSCIENCE CONFERENCE

2011 | PROCEEDING | NON-INDEX | MAIN AUTHOR

18. 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

19. 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

20. CURRENT PERCEPTION THRESHOLD IN CARPAL TUNNEL SYNDROME IN MALAYSIA

INTERNATIONAL CONFERENCE OF CLINICAL NEUROPHYSIOLOGY

2010 | PROCEEDING | NON-INDEX | MAIN 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