

Profile Image

PROF. MADYA DR. WAIDAH BINTI ISMAIL

PENSYARAH UNIVERSITI DS14

CONTACT

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Faculty: Fakulti Sains
Dan Teknologi

SUPERVISION

PhD - Completed: 0, Ongoing: 2

Master - Completed: 4,
Ongoing: 0

AREAS OF EXPERTISE

Artificial Intelligence

ACADEMIC QUALIFICATION

PhD in Information System & Computing Research (2012)

Master in Information Technology (2004)

Bachelor in Computer Science (1997)

RESEARCH

1. AI-BASED FALLERT DETECTION SYSTEM

2024 GERAN KPT ON GOING MAIN RESEARCHER

2. AI-BASED FALLERT DETECTION SYSTEM

2024 GERAN PENYELIDIKAN INDUSTRI ON GOING MAIN RESEARCHER

3. CONSUMER LEGAL REMEDY IN HALAL FOOD ABUSE

2023 BIDUNI MIZANNIYAH ON GOING CO-RESEARCHER

4. INTERPRETIVE STRUCTURAL MODELLING FOR A JUST-IN-TIME PANDEMIC RESPONSE MANAGEMENT THROUGH CENTRALIZED DATABASE FOR HOSPITALS IN MALAYSIA

2020 GERAN PENYELIDIKAN COVID-19 COMPLETED CO-RESEARCHER

5. ENHANCING DECISION MAKING PROCESS FOR RETURN-TO-WORK (RTW) ASSESSMENT IN REHABILITATION CLINIC USING HORN CLAUSE TECHNIQUE

2019 GERAN KPT COMPLETED MAIN RESEARCHER

RESEARCH

6. INTELLIREHAB - INTELLIGENT MEDICAL SYSTEM WITH CUSTOMISED EXERCISES FOR PERSONALIZED HOME TELEREHABILITATION

2016 GERAN ANTARABANGSA COMPLETED MAIN RESEARCHER

7. A NEW DENDRITIC CELLS ALLGORITHM FOR PRIORITISING SPAM MESSAGES

2015 GERAN KPT COMPLETED CO-RESEARCHER

8. A NEW SELF-ADAPTIVE DETECTION MODEL VIA BEHAVIOR-BASED EXECUTION ANALYSIS TO COUNTER ZERO-DAY MALWARE ATTACKS

2015 GERAN KPT COMPLETED CO-RESEARCHER

9. DEVELOPING INFORMATION SECURITY MANAGEMENT SYSTEM(ISMS) POLICY FOR USIM''''S HOSPITAL

2015 GERAN PENYELIDIKAN KUMPULAN PEGAWAI PENTADBIRAN COMPLETED CO-RESEARCHER

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

2013 GERAN KPT COMPLETED CO-RESEARCHER

11. AUTOMATIC IMAGE ENHANCEMENT TOOL FOR POOR VISIBILITY OUTDOOR IMAGES

2013 GERAN MOSTI COMPLETED CO-RESEARCHER

12. AN EMOTION MODEL FOR QURANIC THERAPY ON BRAINWAVE PATTERNS

2013 GERAN KPT COMPLETED MAIN RESEARCHER

13. A NEW TOPOLOGY SEGMENTATION ALGORITHM FOR X-RAY IMAGES

2013 GERAN KPT COMPLETED MAIN RESEARCHER

14. AUTOMATED DETECTION AND CLASSIFICATION OF TOOTH DEVELOPMENT STAGES (TDS) IMAGES USING TOPOLOGY SEGMENTATION AND NEURAL NETWORK

2013 GERAN PENYELIDIKAN KOMPETITIF BERPASUKAN COMPLETED MAIN RESEARCHER

15. OPTIMUM FITNESS FUNCTION ON HEURISTIC SEARCH EVALUATION FOR SOLVING TIMETABLING ISSUES

2012 GERAN PENYELIDIKAN USIM COMPLETED CO-RESEARCHER

16. AUTOMATED SEGMENTATION USING ADAPTIVE K-MEAN CLUSTERING FOR ACUTE MYELOID LEUKEMIA (AML)

2012 GERAN PENYELIDIKAN PENTADBIR COMPLETED CO-RESEARCHER

17. DEVELOPING PDA-CGPA PLANNER FOR USIM

2006 GERAN PENYELIDIKAN PANTAS BAWAH SETAHUN COMPLETED CO-RESEARCHER

18. THE EFFECTIVENESS OF ANNOTATIONS IN COMPUTER ASSISTED INSTRUCTION (CAI) IN ENHANCING STUDENTS COMPREHENSION OF A SCIENCE-BASED TEXT

2006 GERAN PENYELIDIKAN FUNDAMENTAL COMPLETED CO-RESEARCHER

19. STATUS INFORMATION SECURITY MANAGEMENT SYSTEM POLICY BASED ON BS7799 FOR IT DEPARTMENT IN IPTA IN NEARBY LEMBAH KLANG

2006 GERAN PENYELIDIKAN PANTAS BAWAH SETAHUN COMPLETED MAIN RESEARCHER

PUBLICATION

1. ONLINE DYNAMIC REPLICATION AND PLACEMENT ALGORITHMS FOR COST OPTIMIZATION OF ONLINE SOCIAL NETWORKS IN TWO-TIER MULTI-CLOUD

JOURNAL OF NETWORK AND COMPUTER APPLICATIONS

2024 JOURNAL ERA CO-AUTHOR

2. EFFICIENT MULTI-CLOUD STORAGE USING ONLINE DYNAMIC REPLICATION AND PLACEMENT ALGORITHMS FOR ONLINE SOCIAL NETWORKS

IEEE ACCESS

2024 JOURNAL ISI CO-AUTHOR

3. WATER TREATMENT AND ARTIFICIAL INTELLIGENCE TECHNIQUES: A SYSTEMATIC LITERATURE REVIEW RESEARCH

ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH

2023 JOURNAL ERA MAIN AUTHOR

4. CLASSIFICATION OF EXERCISE GAME DATA FOR REHABILITATION USING MACHINE LEARNING ALGORITHMS

DASET 2022

2023 PROCEEDING SCOPUS CO-AUTHOR

5. A NEW EFFICIENT CREDIT SCORING MODEL FOR PERSONAL LOAN USING DATA MINING TECHNIQUE FOR SUSTAINABILITY MANAGEMENT

JOURNAL OF SUSTAINABILITY SCIENCE AND MANAGEMENT

2022 JOURNAL SCOPUS CORRESPONDING AUTHOR

6. USABILITY EVALUATION OF EXERCISE GAMES FOR MEDICAL INTERACTIVE REHABILITATION ASSISTANCE (MIRA) SYSTEM FOR TELE-REHABILITATION

INTERNATIONAL CONFERENCE ON APPLIED SCIENCE AND TECHNOLOGY (ICAST)

2022 PROCEEDING SCOPUS MAIN AUTHOR

7. CLASSIFICATION AND OPTIMISATION IN DATA ANALYSIS: AN IMPLEMENTATION AND TYPE USED IN REHABILITATION THERAPY

2022 BOOK MAIN AUTHOR

8. UNDERSTANDING TELEREHABILITATION TECHNOLOGY TO EVALUATE STAKEHOLDERS? ADOPTION OF TELEREHABILITATION SERVICES: A SYSTEMATIC LITERATURE REVIEW AND DIRECTIONS FOR FURTHER RESEARCH

ARCHIVES OF PHYSICAL MEDICINE AND REHABILITATION

2021 JOURNAL ISI CORRESPONDING AUTHOR

9. OPTIMIZING THE SETTING OF MEDICAL INTERACTIVE REHABILITATION ASSISTANT PLATFORM TO IMPROVE THE PERFORMANCE OF THE PATIENTS: A CASE STUDY

ARTIFICIAL INTELLIGENCE IN MEDICINE

2021 JOURNAL ISI MAIN AUTHOR / CONTACT PERSON IN USIM

10. THE USE OF THE ARCS MOTIVATION MODEL ON SPECIAL NEEDS PATIENTS THROUGH SERIOUS GAMES FOR REHABILITATION: A SYSTEMATIC REVIEW

JOURNAL OF QURAN SUNNAH EDUCATION AND SPECIAL NEEDS

2021 JOURNAL OTHERS DATABASE CO-AUTHOR

11. IMPROVING PATIENT REHABILITATION PERFORMANCE IN EXERCISE GAMES USING COLLABORATIVE FILTERING APPROACH

PEER J COMPUTER SCIENCE

2021 JOURNAL WOS MAIN AUTHOR / CONTACT PERSON IN USIM

12. A SURVEY OF NEWSQL DBMSS FOCUSING ON TAXONOMY, COMPARISON AND OPEN ISSUES

JOURNAL OF COMPUTER SCIENCE & COMPUTATIONAL MATHEMATICS

2021 JOURNAL OTHER DATABASE CORRESPONDING AUTHOR

13. AN OPTIMAL DATA ACCESS FRAMEWORK FOR TELEREHABILITATION SYSTEM

JOURNAL OF ADVANCED COMPUTING TECHNOLOGY AND APPLICATION

2021 JOURNAL OTHER DATABASE CORRESPONDING AUTHOR

PUBLICATION

14. INTELLIREHABDS (IRDS)? A DATASET OF PHYSICAL REHABILITATION MOVEMENTS

DATA

2021 JOURNAL SCOPUS MAIN AUTHOR / CONTACT PERSON IN USIM

15. PREDICTING MIRA PATIENTS? PERFORMANCE USING VIRTUAL REHABILITATION PROGRAMME BY DECISION TREE MODELLING

RECENT ADVANCES IN INTELLIGENT SYSTEMS AND SMART APPLICATION

2021 CHAPTER IN BOOK CORRESPONDING AUTHOR

16. A COMPREHENSIVE OVERVIEW OF SMART WEARABLES: THE STATE OF THE ART LITERATURE, RECENT ADVANCES, AND FUTURE CHALLENGES

ENGINEERING APPLICATIONS OF ARTIFICIAL INTELLIGENCE

2020 JOURNAL ERA MAIN AUTHOR

17. STUDENTS ACTIVITY RECOGNITION BY HEART RATE MONITORING IN CLASSROOM USING K-MEANS CLASSIFICATION

JOURNAL OF INFORMATION SYSTEMS ENGINEERING AND BUSINESS INTELLIGENCE

2020 JOURNAL OTHER DATABASE MAIN AUTHOR

18. UNDERSTANDING SERVICE-ORIENTED ARCHITECTURE (SOA): A SYSTEMATIC LITERATURE REVIEW AND DIRECTIONS FOR FURTHER INVESTIGATION

INFORMATION SYSTEMS

2020 JOURNAL ERA MAIN AUTHOR

19. A REVIEW CLINICAL DECISION SUPPORT SYSTEM USING ONTOLOGY

INTERNATIONAL JOURNAL OF ADVANCED SCIENCE AND TECHNOLOGY

2020 JOURNAL ERA MAIN AUTHOR

20. INTELLIGENT REHABILITATION VOLUME 1

2020 BOOK MAIN AUTHOR

21. A STRUCTURAL MODEL OF HEALTHCARE PERSONNEL READINESS FOR TELEREHABILITATION

2020 BOOK MAIN AUTHOR

22. INTELLIGENT REHABILITATION VOLUME 2

2020 BOOK MAIN AUTHOR

23. EXPLORING THE SOFTWARE QUALITY CRITERIA AND SUSTAINABLE DEVELOPMENT TARGETS: A CASE STUDY OF DIGITAL LIBRARY IN MALAYSIAN HIGHER LEARNING INSTITUTION.

EMERGING TRENDS IN INTELLIGENT COMPUTING AND INFORMATICS

2020 CHAPTER IN BOOK CO-AUTHOR

24. DEEP CONVOLUTIONAL NEURAL NETWORK DESIGNED FOR AGE ASSESSMENT BASED ON ORTHOPANTOMOGRAPHY DATA

NEURAL COMPUTING & APPLICATIONS

2019 JOURNAL ISI, SCOPUS AND ERA CO-AUTHOR

25. HORN CLAUSE TECHNIQUES IN REHABILITATION CLINIC FOR RETURN TO WORK

INTERNATIONAL JOURNAL OF RECENT TECHNOLOGY AND ENGINEERING (IJRTE)

2019 JOURNAL SCOPUS CO-AUTHOR

26. A CONCEPTUAL MODEL OF HYBRID MONITORING REHABILITATION PROGRESS OF STROKE PATIENTS: A CASE STUDY OF A PUBLIC TERTIARY HOSPITAL IN MALAYSIA PUBLISHER: IEEE

2019 IEEE 6TH INTERNATIONAL CONFERENCE ON INDUSTRIAL ENGINEERING AND APPLICATIONS (ICIEA)

2019 PROCEEDING NON-INDEX MAIN AUTHOR

PUBLICATION

27. TELEREHABILITATION TOWARDS SUSTAINABILITY FOR MODERN TREATMENT

SUSTAINABILITY DEVELOPMENT INITIATIVE DIALOGUE

2019 PROCEEDING NON-INDEX MAIN AUTHOR

28. EXPLORING THE SOFTWARE QUALITY CRITERIA AND SUSTAINABLE DEVELOPMENT TARGETS: A CASE STUDY OF DIGITAL LIBRARY IN MALAYSIAN HIGHER LEARNING INSTITUTION

INTERNATIONAL CONFERENCE OF RELIABLE INFORMATION AND COMMUNICATION TECHNOLOGY

2019 PROCEEDING NON-INDEX CO-AUTHOR

29. GEOMETRIC FEATURE DESCRIPTOR AND DISSIMILARITY-BASED REGISTRATION OF REMOTELY SENSED IMAGERY

PLOS ONE

2018 JOURNAL WOS CO-AUTHOR

30. COMPARATIVE STUDY FOR LOAD MANAGEMENT OF HBASE AND CASSANDRA DISTRIBUTED DATABASES IN BIG DATA

INTERNATIONAL JOURNAL OF ENGINEERING & TECHNOLOGY

2018 JOURNAL SCOPUS CO-AUTHOR

31. READINESS OF INFORMATION SECURITY MANAGEMENT SYSTEMS (ISMS) POLICY ON HOSPITAL STAFF USING E-PATUH SYSTEM

JOURNAL OF TELECOMMUNICATION, ELECTRONIC AND COMPUTER ENGINEERING

2018 JOURNAL SCOPUS MAIN AUTHOR

32. EXPLORING BARRIERS THAT AFFECT TELEREHABILITATION READINESS: A CASE STUDY OF REHABILITATION CENTRE IN MALAYSIA

3RD INTERNATIONAL CONFERENCE OF RELIABLE INFORMATION AND COMMUNICATION TECHNOLOGY (IRICT 2018)

2018 PROCEEDING NON-INDEX CO-AUTHOR

33. ANALYSIS OF THE READINESS FOR HEALTHCARE PERSONNEL ADOPTING TELEREHABILITATION: AN INTERPRETIVE STRUCTURAL MODELLING (ISM) APPROACH

15TH EUROPEAN, MEDITERRANEAN, AND MIDDLE EASTERN CONFERENCE, EMCIS 2018, LIMASSOL, CYPRUS, OCTOBER 4-5, 2018,

2018 PROCEEDING NON-INDEX CO-AUTHOR

34. INDUSTRI HALAL: TEKNOLOGI DAN PENGURUSAN MAKLUMAT

2018 BOOK MAIN AUTHOR

35. AUTOMATED AGE ESTIMATION BASED ON GEOMETRIC MEAN PROJECTION TRANSFORM USING CA

JOURNAL OF ADVANCES IN TECHNOLOGY AND ENGINEERING STUDIES

2017 JOURNAL WOS CO-AUTHOR

36. AN ADAPTIVE THRESHOLDING METHOD FOR SEGMENTING DENTAL X-RAY IMAGES

JOURNAL OF TELECOMMUNICATION, ELECTRONIC AND COMPUTER ENGINEERING (JTREC)

2017 JOURNAL SCOPUS MAIN AUTHOR

37. UNDERSTANDING THE IMPLEMENTATION OF TELEREHABILITATION AT PRE-IMPLEMENTATION STAGE : A SYSTEMATIC LITERATURE REVIEW

JOURNAL PROCEDIA COMPUTER SCIENCE

2017 JOURNAL SCOPUS CO-AUTHOR

38. GREEN TECHNOLOGY WRIST BAND WITH PATIENT IDENTIFICATION NEAR FIELD COMMUNICATION (NFC) OR RADIO FREQUENCY IDENTIFICATION (RFID) SECURITY FEATURES

ADVANCED SCIENCE LETTERS

2017 JOURNAL SCOPUS MAIN AUTHOR

39. ORTHOPANTOMOGRAPHS FUZZY SEGMENTATION FOR MALAYSIAN CHILDREN AUTOMATIC AGE ASSESSMENT

7TH BANGKOK INTERNATIONAL CONFERENCE ON ?RECENT TRENDS IN ENGINEERING AND TECHNOLOGY? (RTET-17, MAY 3 -4 2017 AT BANGKOK

2017 PROCEEDING NON-INDEX MAIN AUTHOR

PUBLICATION

40. DOCKER AS A SOLUTION FOR DATA CONFIDENTIALITY ISSUES IN LEARNING MANAGEMENT SYSTEM

INTERNATIONAL CONFERENCE ON ENGINEERING EDUCATION AND RESEARCH 2017, MADINAH, KINGDOM OF SAUDI ARABIA, 16 ? 18 DECEMBER 2017

2017 PROCEEDING NON-INDEX MAIN AUTHOR

41. ULSONT : ONTOLOGY IN INTELLIREHAB SYSTEM ? DEVELOPMENT OF ONTOLOGY FOR INTELLIGENT REHABILITATION SYSTEM

KEOD 2017 ? 9TH INTERNATIONAL CONFERENCE AND KNOWLEDGE ENGINEERING AND ONTOLOGY DEVELOPMENT

2017 PROCEEDING NON-INDEX MAIN AUTHOR

42. INFORMATION SECURITY MANAGEMENT SYSTEM (ISMS) PERCEPTIVE TOWARDS INSTITUTIONAL OF HIGER LEARNING IN KLANG VALLEY

INTERNATIONAL CONFERENCE ON APPLIED SCIENCE AND TECHNOLOGY ? 3 ? 5TH APRIL 2017.

2017 PROCEEDING NON-INDEX MAIN AUTHOR

43. SEARCHABLE ENCRYPTION : A REVIEW

? 7TH INTERNATIONAL CONFERENCE ON INFORMATION TECHNOLOGY AND MULTIMEDIA ? 7TH NOVEMBER 2017, HOTEL BANGI ? PUTRAJAYA, BANGI, SELANGOR

2017 PROCEEDING NON-INDEX CO-AUTHOR

44. VIRTUAL REALITY REHABILITATION FOR STROKE PATIENTS : RECENT REVIEW AND RESEARCH ISSUES

13TH IMT-GT INTERNATIONAL CONFERENCE ON MATHEMATICS, STATISTICS AND THEIR APPLICATIONS (ICMSA 2017)

2017 PROCEEDING NON-INDEX CO-AUTHOR

45. ROBOTICS DEVICES FOR UPPER LIMB STROKE REHABILITATION : POTENTIAL RESEARCH TRENDS

2017 IEEE INTERNATIONAL SYMPOSIUM ON ROBOTICS AND INTELLIGENT SENSOR (5 ? 7 OCT 2017), OTTAWA CANADA.

2017 PROCEEDING NON-INDEX CO-AUTHOR

46. ORGANIZATION?S PERSPECTIVE OF MANAGING B2C E-COMMERCE IMPLEMENTATION : LESSONS FOR FASHION AND APPAREL BUSINESS IN MALAYSIA

INTERNATIONAL CONFERENCE RESEARCH AND INNOVATION IN INFORMATION SYSTEM (ICRISS 2017), LANGKAWI, MALAYSIA (16 ? 17 JULY 2017)

2017 PROCEEDING NON-INDEX CO-AUTHOR

47. BLOOD CANCER CELL CLASSIFICATION BASED ON GEOMETRIC MEAN TRANSFORM AND DISSIMILARITY METRICS

JOURNAL OF PERTANIKA

2016 JOURNAL WOS CO-AUTHOR

48. SYSTEM LITERATURE REVIEW OF E-COMMERCE IMPLEMENTATION STUDIES

JOURNAL OF THEORETICAL AND APPLIED INFORMATION TECHNOLOGY

2016 JOURNAL SCOPUS CO-AUTHOR

49. MANAGING ORGANIZATIONAL CULTURE REQUIREMENT FOR BUSINESS CONTINUITY MANAGEMENT (BCM) IMPLEMENTATION USING GOAL-QUESTION-METRIC (GQM) APPROACH

JURNAL TEKNOLOGI

2016 JOURNAL WOS CO-AUTHOR

50. A NEW FITNESS FUNCTION FOR VOLUNTEER IN POST-DISASTER USING HILL CLIMBING AND GENETIC ALGORITHM

2ND INTERNATIONAL CONGRESS ON TECHNOLOGY - ENGINEERING AND SCIENCE

2016 PROCEEDING NON-INDEX MAIN AUTHOR

51. AUTOMATIC SEGMENTATION OF JAW FROM PANORAMIC DENTAL X-RAY IMAGES USING GVF SNAKES

WORLD AUTOMATION CONGRESS

2016 PROCEEDING NON-INDEX CO-AUTHOR

52. AN AUTOMATED METHOD FOR THE NUCLEI AND CYTOPLASM OF ACUTE MYELOID LEUKEMIA DETECTION IN BLOOD SMEAR IMAGES

WORLD AUTOMATION CONGRESS 2016

2016 PROCEEDING NON-INDEX CO-AUTHOR

PUBLICATION

53. BLOOD CANCER CELL CLASSIFICATION BASED ON GEOMETRIC MEAN TRANSFORM AND DISSIMILARITY METRICS

THE 3RD INTERNATIONAL MULTI-CONFERENCE ON ARTIFICIAL INTELLIGENCE TECHNOLOGY (M-CAIT) 2016

2016 PROCEEDING NON-INDEX CO-AUTHOR

54. AGE ESTIMATION BASED ON GMPT USING ORTHOPANTOMOGRAPHS

SEOUL 9TH INTERNATIONAL CONFERENCE ON "ENGINEERING & TECHNOLOGY, COMPUTER, BASIC & APPLIED SCIENCES" (ECBA - 2016) JUNE 3-4, 2016, SEOUL SOUTH KOREA

2016 PROCEEDING NON-INDEX CO-AUTHOR

55. LEUKEMIA MEDICAL APPLICATION WITH SECURITY FEATURES

JOURNAL OF SOFTWARE

2015 JOURNAL SCOPUS MAIN AUTHOR

56. SYSTEMATIC LITERATURE REVIEW OF E-COMMERCE IMPLEMENTATION STUDIES

ARPN JOURNAL OF ENGINEERING AND APPLIED SCIENCE

2015 JOURNAL SCOPUS CO-AUTHOR

57. A RESEARCH FRAMEWORK OF ELECTRONIC DOCUMENT MANAGEMENT SYSTEM (EDMS) IMPLEMENTATION PROCESS IN GOVERNMENT

JOURNAL OF THEORETICAL AND APPLIED INFORMATION TECHNOLOGY

2015 JOURNAL SCOPUS CO-AUTHOR

58. IMAGE SEGMENTATION USING A HYBRID CLUSTERING TECHNIQUES AND MEAN SHIFT FOR AUTOMATED DETECTION ACUTE LEUKAEMIA BLOOD CELLS IMAGES

JOURNAL OF THEORETICAL AND APPLIED INFORMATION TECHNOLOGY

2015 JOURNAL SCOPUS MAIN AUTHOR

59. COMPARISON KNOWLEDGE BETWEEN PUBLIC UNIVERSITIES AND HOSPITALS IN LEMBAH KLANG TOWARDS ISMS

INTERNATIONAL ACADEMY OF COMPUTER AND IT ENGINEERING

2015 PROCEEDING NON-INDEX MAIN AUTHOR

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

PATTERN ANALYSIS, INTELLIGENT SECURITY AND THE INTERNET OF THINGS ADVANCES IN INTELLIGENT SYSTEMS AND COMPUTING

2015 CHAPTER IN BOOK MAIN AUTHOR

61. CONTROLLING ALGORITHM FOR ENERGY-CONSUMPTION, RADIO BANDWIDTH AND SIGNAL STRENGTH DEPLOYING SINGLE FITNESS FUNCTION TO SOLVE COVERAGE AREA PROBLEMS

ADVANCED SCIENCE LETTERS

2014 JOURNAL SCOPUS CO-AUTHOR

62. REGION OF ADAPTIVE THRESHOLD SEGMENTATION BETWEEN MEAN, MEDIAN AND OTSU THRESHOLD FOR DENTAL AGE ASSESSMENT

2014 INTERNATIONAL CONFERENCE ON COMPUTER, COMMUNICATION AND CONTROL TECHNOLOGY

2014 PROCEEDING NON-INDEX MAIN AUTHOR

63. DENTAL AGE ASSESSMENT FOR FORENSIC IDENTIFICATION USING OTSU AND WATERSHED ALGORITHM

INTERNATIONAL CONFERENCE ON ADVANCES IN COMPUTING AND INFORMATION TECHNOLOGY

2014 PROCEEDING NON-INDEX MAIN AUTHOR

64. IMPORTANCE OF THRESHOLD VALUE FOR TEETH SEGMENTATION DENTAL AGE ASSESSMENT

SCIENTIFIC AND TECHNICAL CONFERENCE @APPLIED MATHEMATICS AND INFORMATION SECURITY"

2014 PROCEEDING NON-INDEX MAIN AUTHOR

65. SOBEL AND CANNY EDGES SEGMENTATIONS FOR THE DENTAL AGE ASSESSMENT

INTERNATIONAL CONFERENCE ON COMPUTER ASSISTED SYSTEM IN HEALTH (CASH 2014)

2014 PROCEEDING NON-INDEX MAIN AUTHOR

PUBLICATION

66. SOFTWARE DEVELOPMENT FOR HEMATOLOGY DEPARTMENT WITH SECURITY FEATURES

THE MALAYSIAN NATIONAL CONFERENCE ON DATABASES (MANCOD 2014)

2014 PROCEEDING NON-INDEX MAIN AUTHOR

67. AN CLASSIFICATION ON BRAINWAVE PATTERNS FOR PARKINSON PATIENTS USING WEKA

4TH WORLD INFORMATION TECHNOLOGY CONFERENCE

2014 PROCEEDING NON-INDEX MAIN AUTHOR

68. THE CHALLENGES IN ADOPTING INFORMATION SECURITY MANAGEMENT SYSTEM FOR UNIVERSITY HOSPITALS IN MALAYSIA

KMICE 2014

2014 PROCEEDING NON-INDEX MAIN AUTHOR

69. IMPORTANCE OF THRESHOLD VALUE FOR TEETH SEGMENTATION IN DENTAL AGE ASSESSMENT

POSTGRADUATE COLLOQUIUM 2014

2014 PROCEEDING NON-INDEX MAIN AUTHOR

70. TACIT REQUIREMENTS ELICITATION FRAMEWORK

ADVANCEMENT IN INFORMATION TECHNOLOGY INTERNATIONAL CONFERENCE 2014

2014 PROCEEDING NON-INDEX CO-AUTHOR

71. SECURITY PERCEPTION AND AWARENESS ON INFORMATION SECURITY THREATS IN MALAYSIA ORGANIZATION CONTEXT

POSTGRADUATE COLLOQUIUM 2014, FST

2014 PROCEEDING NON-INDEX CO-AUTHOR

72. EXPLORING THE POTENTIAL OF AL-QURAN TO INDUCE PSYCHOPHYSIOLOGICAL COHERENCE BY MODULATING BRAIN RYTHMS

4TH INTERNATIONAL SEMINAR WAHYU NABAWI 2014 (SWAN)

2014 PROCEEDING NON-INDEX CO-AUTHOR

73. ARTIFICIAL BEE COLONY BASED FUZZY CLUSTERING ALGORITHMS FOR MRI IMAGE SEGMENTATION

INTERNATIONAL CONFERENCE ON ADVANCES IN COMPUTER SCIENCE AND ELECTRONICS ENGINEERING - CSEE 2014.

2014 PROCEEDING NON-INDEX CO-AUTHOR

74. EMBEDDING ORGANIZATIONAL CULTURE VALUES TOWARDS SUCCESSFUL BUSINESS CONTINUITY MANAGEMENT IMPLEMENTATION

THE SIXTH INTERNATIONAL CONFERENCE ON INFORMATION TECHNOLOGY AND MULTIMEDIA 2014

2014 PROCEEDING NON-INDEX CO-AUTHOR

75. DEVELOPMENT OF CONTROLLING ALGORITHM FOR ENERGY-CONSUMPTION AND RADIO BANDWIDTH USERS USING SINGLE FITNESS FUNCTION TO MANAGE COVERAGE AREA PROBLEMS

CONFERENCE ON INTERNET SERVICES TECHNOLOGY AND INFORMATION ENGINEERING (ISTIE 2013)

2014 PROCEEDING NON-INDEX CO-AUTHOR

76. A SIMULATED ANNEALING FOR TAHMIDI COURSE TIMETABLING

INTERNATIONAL CONFERENCE ON ELECTRICAL ENGINEERING AND INFORMATICS 2013

2013 JOURNAL WOS CO-AUTHOR

77. HYBRID K-MEANS CLUSTERING WITH REGION GROWING ALGORITHMS FOR ACUTE LEUKEMIA BLOOD CELLS IMAGE SEGMENTATION

INTERNATIONAL CONFERENCE ON COMPUTER, CONTROL, INFORMATICS AND ITS APPLICATIONS 2013 (IC3INA 2013)

2013 PROCEEDING NON-INDEX MAIN AUTHOR

78. IMAGE SEGMENTATION USING AN ADAPTIVE CLUSTERING TECHNIQUE FOR THE DETECTION OF ACUTE LEUKEMIA BLOOD CELLS IMAGES

2ND INTERNATIONAL CONFERENCE ON ADVANCED COMPUTER SCIENCE APPLICATIONS AND TECHNOLOGIES

2013 PROCEEDING NON-INDEX MAIN AUTHOR

PUBLICATION

79. COORDINATE DETECTION AND COLOR IMAGE CLASSIFICATION FOR LEUKEMIA CELLS (AML)

ANNUAL CONFERENCE ON ENGINEERING AND INFORMATION TECHNOLOGY

2013 PROCEEDING NON-INDEX MAIN AUTHOR

80. A SIMULATED ANNEALING FOR TAHMIDI COURSE TIMETABLING

THE 4TH INTERNATIONAL CONFERENCE ON ELECTRICAL ENGINEERING AND INFORMATICS

2013 PROCEEDING NON-INDEX CO-AUTHOR

81. PROPOSED CHARACTER RECOGNITION APPLICATION FOR PEOPLE WITH HEARING AND VISUALLY IMPAIRED

SEMINAR CREATIVITY AND INNOVATION INNOVA 2013

2013 PROCEEDING NON-INDEX CO-AUTHOR

82. K-MEANS CLUSTERING FOR ACUTE LEUKEMIA BLOOD CELLS IMAGE

THE INTERNATIONAL CONFERENCE ON SOFT COMPUTING AND COMPUTATIONAL MATHEMATICS (ICSCCM2013)

2013 PROCEEDING NON-INDEX CO-AUTHOR

83. AUTOMATED SEGMENTATION USING K-MEANS CLUSTERING FOR ACUTE LEUKEMIA BLOOD CELLS IMAGES

INTERNATIONAL CONFERENCE ON COMPUTING, MATHEMATICS AND STATISTICS (ICMS2013)

2013 PROCEEDING NON-INDEX CO-AUTHOR

84. USE OF GENERAL PURPOSE GPU PROGRAMMING TO ENHANCE THE CLASSIFICATION OF LEUKAEMIA BLAST CELLS IN BLOOD SMEAR IMAGES

ADVANCED IN INTELLIGENCE DATA ANALYSIS - LECTURE NOTES IN COMPUTER SCIENCE

2012 CHAPTER IN BOOK CO-AUTHOR

85. THE CLASSIFICATION OF BLAST CELLS FROM ACUTE PROMYELOCYTIC LEUKAEMIA (AML M3) BLOOD SAMPLES USING NEURAL NETWORKS FOR CLINICAL DECISION SUPPORT

IDAMAP 2011 (INTELLIGENT DATA ANALYSIS IN BIOMEDICINE AND PHARMACOLOGY)

2011 PROCEEDING NON-INDEX MAIN AUTHOR

86. DETECTING LEUKAEMIA (AML) BLOOD CELLS USING GENETIC ALGORITHMS

2ND STUDENT CONFERENCE OPERATIONAL RESEARCH (SCOR 2010)

2010 PROCEEDING NON-INDEX MAIN AUTHOR

87. CAN HEURISTIC SEARCH TECHNIQUES LOCATED LEUKAEMIA CELL?

RESEARCH STUDENT POSTER CONFERENCE

2010 PROCEEDING NON-INDEX MAIN AUTHOR

88. DETECTING LEUKAEMIA (AML) BLOOD CELLS USING CELLULAR AUTOMATA AND HEURISTIC SEARCH

ADVANCED IN INTELLIGENCE DATA ANALYSIS - LECTURE NOTES IN COMPUTER SCIENCE

2010 CHAPTER IN BOOK MAIN AUTHOR

CONSULTATION

1. ACCEPTANCE LETTER FOR THE APPOINTMENT AS CONTENT WRITER FOR SIMS ? SCHOOL OF SCIENCE AND TECHNOLOGY (SST) AEU

ASIA E UNIVERSITY

2024 NATIONAL

2. PROJECT DB AND INTERFACE

TOMBAK SDN BHD

2022 NATIONAL

3. JURUAUDIT PASUKAN AUDIT DALAM PENGURUSAN SISTEM KESELAMATAN MAKLUMAT (ISMS)

JABATAN PENJARA MALAYSIA

2016 NATIONAL

4. JURUAUDIT DALAMAN BG ISMS EPEROLEHAN MOF

MOF

2016 OTHERS

5. SESI PERJUMPAAN DAN PERBINCANGAN SUB-PROGRAM TECH + TALK PROGRAM LATIHAN KHIDMAT NEGARA (PLKN)

STARZA CORPORATION

2015 NATIONAL

6. PEMBANGUNAN ONLINE INTEGRATED DATABASE SYSTEM

HUSM

2015 NATIONAL

7. PEPERIKSAAN SEMESTER PROGRAM MATRIKULASI (PSPM) KEMENTERIAN PENDIDIKAN MALAYSIA : PELANTIKAN PEMERIKSAA SKRIP JAWAPAN SAINS KOMPUTER (DC035)

KPM

2015 NATIONAL

8. PASUKAN GERAK KERJA ISMS USIM

2014 UNIVERSITY

9. PEMERIKSAAN SEMESTER PROGRAM MATRIKULASI (PSPM) KEMENTERIAN PENDIDIKAN MALAYSIA.

KPM

2014 NATIONAL

10. BENGKEL TENAGA PENGAJAR PROGRAM INFOSYS PERINGKAT KEBANGSAAN KUMPULAN KE-9, PENYELARASAN PENYAMPAIAN MODUL LATIHAN DAN PENYEDIAAN SOALAN BERASASKAN KONSEP CAMP INFOSYS

INFOSYS DAN KPT

2013 NATIONAL

11. TENAGA PENGAJAR UNTUK PROGRAM ASAS SAINS KOMPUTER INFOSYS UNIVERSITI MALAYSIA SABAH, KOTA KINABALU

INFOSYS DAN KPT

2013 NATIONAL

12. PEPERIKSAAN SEMESTER PROGRAM MATRIKULASI (PSPM) KEMENTERIAN PELAJARAN MALAYSIA :- PELANTIKAN PEMERIKSA SKRIP JAWAPAN SAINS KOMPUTER

KEMENTERIAN PELAJARAN MALAYSIA

2013 NATIONAL

13. PEPERIKSAAN SEMESTER PROGRAM MATRIKULASI (PSPM), KEMENTERIAN PELAJARAN MALAYSIA: PELANTIKAN PENTAKSIR SKRIP JAWAPAN SAINS KOMPUTER

KEMENTERIAN PELAJARAN MALAYSIA

2013 NATIONAL

14. PEPERIKSAAN SEMESTER PROGRAM MATRIKULASI (PSPM) KEMENTERIAN PENDIDIKAN MALAYSIA : PELANTIKAN PEMERIKSA SKRIP JAWAPAN SAINS KOMPUTER DC035

KEMENTERIAN PELAJARAN MALAYSIA

2013

NATIONAL

AWARDS/RECOGNITION

1. ACADEMIC ADVISOR

ASIA E UNIVERSITY

2024 NATIONAL

2. ACADEMIC ADVISOR

AEU UNIVERSITY

2024 NATIONAL

3. ACADEMIC ADVISOR

AEU UNIVERSITY

2024 NATIONAL

4. FACE EMOTION DETECTION IN MUSIC RECOMMENDATION SYSTEM

SCEINCE AND TECHNOLOGY RESEARCH EXPO (SCITEX)

2024 UNIVERSITI GOLD

5. CYBERDECK DUEL: TURN-BASED CYBERSECURITY CARD GAME

SCEINCE AND TECHNOLOGY RESEARCH EXPO (SCITEX)

2024 UNIVERSITI BRONZE

6. VISITING PROFESOR

UNAIR

2023 INTERNATIONAL

7. ACADEMIC ADVISOR

UPSI

2023 NATIONAL

8. ACADEMIC ADVISOR

KPM

2023 NATIONAL

9. (MUSBEHAL) MUSLIM BEHAVIOUR TOWARDS HALAL

INNOVATION BANK CHALLENGE 2023 (IBC2023)

2023 UNIVERSITI BRONZE

10. FALLERT: HUMAN FALLING ALERT

SCIENCE AND TECHNOLOGY RESERACH EXPO (SCITEX@20TH FST)

2023 UNIVERSITI SILVER

11. ATTENDANCE SECURITY USING BIOMETRIC TECHNOLOGY

SCIENCE AND TECHNOLOGY RESERACH EXPO (SCITEX@20TH FST)

2023 UNIVERSITI BRONZE

12. AIMAR: STROKE RISK PREDICTION

SCIENCE AND TECHNOLOGY RESERACH EXPO (SCITEX@20TH FST)

2023 UNIVERSITI SILVER

13. ANUGERAH KHIDMAT CEMERLANG

2022 UNIVERSITY

14. VISITING SCHOLAR

INTERNATIONAL GUEST LECTURER UNIVERSITAS ISLAM INDONESIA

2022

INTERNATIONAL

AWARDS/RECOGNITION

15. VISITING RESEARCHER

RESEARCH FELLOW UNIVERSITAS AIRLANGGA

2022 INTERNATIONAL

16. VISITING RESEARCHER

PROGRAM SANGKUTAN DI MAKMAL RISIKAN SIBER, PUSAT KAJIAN KESELAMATAN SIBER, UNIVERSITI KEBANGSAAN MALAYSIA

2022 NATIONAL

17. ACADEMIC ADVISOR

JURU AUDIT DLM ISO/IEC 27001:2013 ISMS KPKT

2022 NATIONAL

18. ANUGERAH BUKU ILMIAH TERBAIK

2021 UNIVERSITY

19. ADJUNCT PROFESSOR

AIRLANGGA UNIVERSITAS

2021 INTERNATIONAL

20. VISITING RESEARCHER

UNIVERSITAS AIRLANGGA

2020 INTERNATIONAL

21. INTELLIGENCE REHABILITATION

INTERNATIONAL CONFERENCE AND EXPOSITION ON INVENTIONS BY INSTITUTIONS OF HIGHER LEARNING (PECIPTA'19)

2019 ANTARABANGSA SILVER

22. A REVIEW OF SUCCESS/FAILURE FACTORS INFLUENCING HEALTHCARE PERSONNEL FOR TELEREHABILITATION

6th INTERNATIONAL CONFERENCE ON RESEARCH & INNOVATION IN INFORMATION SYSTEMS (ICRIIS 2019)

2019 ANTARABANGSA BEST PAPER AWARD

23. EXPLORING THE SOFTWARE QUALITY CRITERIA AND SUSTAINABLE DEVELOPMENT TARGETS: A CASE STUDY OF DIGITAL LIBRARY IN MALAYSIAN HIGHER LEARNING INSTITUTION

THE 4th INTERNATIONAL CONFERENCE OF RELIABLE INFORMATION AND COMMUNICATION TECHNOLOGY 2019 (IRICT 20)

2019 ANTARABANGSA BEST PAPER AWARD

24. REVOLUTIONIZING LEARNING ENVIRONMENT WITH ARTIFICIAL INTELLIGENCE

INTERNATIONAL UNIVERSITY CARNIVAL ON E-LEARNING (IUCEL) 2019

2019 ANTARABANGSA SILVER

25. FOR OUTSTANDING ACHIEVEMENT IN RESEARCH AND INNOVATION FROM YEAR 2013 - 2017

2018 UNIVERSITY

26. ANUGERAH PENYELIDIK

2018 UNIVERSITY

27. TOP 100 RESEARCHERS USIM (2013-2017)

TOP 100 RESEARCHERS

2018 UNIVERSITI CERTIFICATE OF APPRECIATION

28. ANUGERAH PERKHIDMATAN CEMERLANG

2016 UNIVERSITY

AWARDS/RECOGNITION

29. VISITING SCHOLAR

SCHOOL OF INFORMATION SCIENCE, JAIST

2015

INTERNATIONAL

30. PROOFREADING SYSTEM (PS) TO ENHANCE STUDENT'S WRITING SKILL

Pertandingan Ekspo Ciptaan Institusi Pengajian Tinggi dan Antarabangsa (PECIPTA) 2015

2015

ANTARABANGSA

BRONZE

31. SOIQ : VERSES RETRIEVAL BASED ON SEMANTICALLY WEIGHTED AND CORRELATED INDEXING SERVICE

Pertandingan Ekspo Ciptaan Institusi Pengajian Tinggi dan Antarabangsa (PECIPTA) 2015

2015

ANTARABANGSA

CERTIFICATE OF APPRECIATION

32. EDENTIST - A DATABASE SYSTEM FOR DEMIRJIAN'S DENTAL AGE ASSESSMENT

EKSPLO INOVASI ISLAM I-INOVA 2014

2014

KEBANGSAAN

BRONZE