

Profile Image

PROF. MADYA DR. JULIANA BINTI JUMAL

PENSYARAH UNIVERSITI DS14

CONTACT

Phone: 6532

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juliana.j@usim.edu.my

Faculty: Fakulti Sains
Dan Teknologi

SUPERVISION

PhD - Completed: 3, Ongoing: 0

Master - Completed: 4,
Ongoing: 0

AREAS OF EXPERTISE

Organic Chemical Synthesis

Other Organic Chemistry N.e.c

Natural Products Chemistry (including Drug Intermediates From Indigenous Sources)

ACADEMIC QUALIFICATION

PhD in Kimia (2013)

Master in Sains (kimia) (2008)

Diploma in Pendidikan (1997)

Bachelor in Sains (1993)

RESEARCH

1. PROGRAM: SCIENTIFIC MIRACLES OF THE PROPHET'S SUNNAH ON MISWAK: INVESTIGATING CHEMICAL INTERACTIONS BETWEEN SALVADORA PERSICA ROOT AND PERIODONTITIS BACTERIA PROJEK: UNEARTHING THE HISTORICAL ASPECTS OF SIWAK (MISWAK) USAGE IN THE ISLAMIC MEDIEVAL AGES

2023 GERAN PENYELIDIKAN TRANSDISIPLINARI ON GOING MAIN RESEARCHER

2. SYNTHESIS AND ANTICANCER STUDIES OF COUMARIN DERIVATIVES AND THEIR COMPLEXES

2018 GERAN PENYELIDIKAN USIM COMPLETED MAIN RESEARCHER

3. SYNTHESIS OF MONO- AND BIS-THIOUREA DERIVATIVES AS CORROSION INHIBITORS FOR MILD STEEL IN ACIDIC MEDIA

2014 GERAN KPT COMPLETED MAIN RESEARCHER

4. SYNTHESIS OF BIS-THIOUREA COMPAUNDS AS IONOPHORE FOR MERCURY (II) ION-SELECTIVE ELECTRODE (ISE)

2009 GERAN KPT COMPLETED MAIN RESEARCHER

5. SYNTHESIS OF BIS-THIOUREA DERIVATIVES AND THE APPLICATION STUDIES AS CHEMICAL SENSOR

2009 GERAN PENYELIDIKAN FUNDAMENTAL COMPLETED MAIN RESEARCHER

PUBLICATION

1. FAKTOR PEMILIHAN PELAJAR LEPASAN SPM KE PROGRAM TAMHIDI (PRE-UNIVERSITI) DI UNIVERSITI SAINS ISLAM MALAYSIA (USIM) BAGI SESI AKADEMIK 2022/2023

SEMINAR ANTARABANGSA ISLAM DAN SAINS 2022

2022 PROCEEDING NON-INDEX MAIN AUTHOR

2. A REVIEW ON BIOSENSORS AND THEIR APPLICATIONS IN FOOD AND BEVERAGE INDUSTRY

JOURNAL OF FATWA MANAGEMENT AND RESEARCH

2019 JOURNAL MYCITE MAIN AUTHOR

3. SYNTHESIS AND RADICAL SCAVENGING ACTIVITY OF 6-HYDROXYL-4-METHYLCOUMARIN AND ITS DERIVATIVES

AIP CONFERENCE PROCEEDINGS

2018 JOURNAL SCOPUS MAIN AUTHOR

4. CYMBOPOGON NARDUS FROM MALAY SOCIETY TRADITION PERSPECTIVES: AN ANALYSIS OF CHEMICAL COMPOSITION USING STEAM DISTILLATION FROM SCIENTIFIC FINDING

INTERNATIONAL CONFERENCE ON NATURAL SCIENCE AND HERITAGE FROM ISLAMIC PERSPECTIVE 2018 (INSPIRE) 2018

2018 PROCEEDING NON-INDEX MAIN AUTHOR

5. SYNTHESIS AND CORROSION INHIBITION STUDIES OF 1-(4-CHLOROBENZOYL)THIOUREA DERIVATIVES ON MILD STEEL IN 1.0 M HCL

ADVANCED SCIENCE LETTERS

2017 JOURNAL SCOPUS MAIN AUTHOR

6. CHEMICAL COMPOSITION OF CITRONELLA OIL IN CYMBOPOGON NARDUS USING STEAM DISTILLATION

INTERNATIONAL MALYSIAN FRENCH SCIENTIFIC CONFERENCE 2017 (IMFSC 2017)

2017 PROCEEDING NON-INDEX MAIN AUTHOR

7. SYNTHESIS AND ANTIOXIDANT ACTIVITIES OF 6-HYDROXYL-4-METHYLCOUMARIN AND ITS DERIVATIVES

INTERNATIONAL CONFERENCE OF ANALYTICAL SCIENCES 2017

2017 PROCEEDING NON-INDEX MAIN AUTHOR

8. SYNTHESIS AND BIOLOGICAL EVALUATION OF 6-HYDROXY-4-METHYL-5,7-(BIS-P-CHLOROPHENYLAZO)COUMARIN

AMERICAN JOURNAL OF APPLIED SCIENCE

2016 JOURNAL SCOPUS MAIN AUTHOR

9. SYNTHESIS AND CYTOTOXIC ACTIVITY OF 6-HYDROXY-4-METHYL-5,7-(BIS-PHENYLAZO) COUMARIN WITH DIVALENT TRANSITION METAL IONS

INDIAN JOURNAL OF SCIENCE & TECHNOLOGY

2016 JOURNAL WOS MAIN AUTHOR

10. ANTI-CANCER SCREENING OF SOME NEWLY SYNTHESIZED COUMARIN DERIVATIVES AND THEIR COMPLEXES

UNIVERSITI MALAYSIA TERENGGANU INTERNATIONAL ANNUAL SYMPOSIUM ON SUSTAINABILITY SCIENCE AND MANAGEMENT (UMTAS2016)

2016 PROCEEDING NON-INDEX MAIN AUTHOR

11. BIOSENSOR DEVICES & THEIR APPLICATIONS IN FOOD INDUSTRY

CHEMISTRY OF FOOD, HEALTH & TECHNOLOGY IN ISLAMIC CITATION

2016 CHAPTER IN BOOK MAIN AUTHOR

12. EVALUATION OF ANTITUMOR ACTIVITY OF COPPER COMPLEXES OF COUMARIN IN BREAST AND LUNG CANCER

MIDDLE-EAST JOURNAL OF SCIENTIFIC RESEARCH

2015 JOURNAL SCOPUS MAIN AUTHOR

13. SYNTHESIS AND PRELIMINARY INHIBITION STUDY OF CARBONYL THIOUREA DERIVATIVES ON CORROSION OF MILD STEEL IN ACIDIC MEDIA

AUSTRALIAN JOURNAL OF BASIC AND APPLIED SCIENCES

2015 JOURNAL SCOPUS MAIN AUTHOR

PUBLICATION

14. A NEWLY SYNTHESIZED BIS-(HEPTANOYL THIOREIDO) BENZENE ISOMERS AND ITS PRELIMINARY STUDY AS CORROSION INHIBITORS FOR MAGNESIUM IN SULFURIC ACID

6TH INTERNATIONAL CHEMICAL & ENVIRONMENTAL ENGINEERING CONFERENCE (ICEEC 2015)

2015 PROCEEDING NON-INDEX MAIN AUTHOR

15. SYNTHESIS AND RADICAL SCAVENGING ACTIVITY OF BENZOYLTHIOUREA DERIVATIVES

INTERNATIONAL CONFERENCE ON HEALTHCARE, APPLIED SCIENCE & ENGINEERING (ICHAE)

2015 PROCEEDING NON-INDEX MAIN AUTHOR

16. SYNTHESIS & PRELIMINARY STUDY OF CARBONYL THIOUREA DERIVATIVES ON CORROSION OF MILD STEEL IN ACIDIC MEDIA

IPN-IWNEST CONFERENCE KUCHING 2015

2015 PROCEEDING NON-INDEX MAIN AUTHOR

17. EVALUATION OF ANTITUMOR ACTIVITY OF COPPER COMPLEXES OF COUMARIN IN BREAST & LUNG CANCER

IPN-IWNEST CONFERENCE JAKARTA 2015

2015 PROCEEDING NON-INDEX MAIN AUTHOR

18. SYNTHESIS AND CHARACTERIZATION OF 6-HYDROXY-4-METHYL-5-PHENYL-AZOCOUMARIN WITH DIVALENT TRANSITION METAL IONS.

IOSR JOURNAL OF APPLIED CHEMISTRY (IOSR-JAC)

2014 JOURNAL WOS MAIN AUTHOR

19. 1,4-BIS-(N-BENZOYLTHIOUREIDO)BENZENE AND 1,4-BIS-(N-BENZOYLTHIOUREIDO) CYCLOHEXANE AS IONOPHORES FOR LEAD(II) ION-SELECTIVE ELECTRODE WITH SELF-PLASTICIZING POLY(N-BUTYLACRYLATE) MEMBRANE

INTERNATIONAL CONFERENCE ON SENSORS (ASIASENSE 2013)

2013 PROCEEDING NON-INDEX MAIN AUTHOR

20. MERCURY ION-SELECTIVE ELECTRODE WITH SELF-PLASTICIZING POLY(N-BUTYLACRYLATE) MEMBRANE BASED ON 1,2-BIS-(N-BENZOYLTHIOUREIDO)CYCLOHEXANE AS IONOPHORE

APCBEE PROCEDIA

2012 JOURNAL WOS MAIN AUTHOR

21. SINTESIS ISOMER BIS-(N-BENZOYLTHIOUREIDO)SIKLOHEKSANA DAN KAJIAN AWAL SEBAGAI IONOFOR BAGI ELEKTROD PEMILIH ION MERKURI(II)

KOLOKIUUM SISWAZAH KE-12 FAKULTI SAINS & TEKNOLOGI, UKM.

2012 PROCEEDING NON-INDEX MAIN AUTHOR

22. SYNTHESIS AND ANTI-BACTERIAL STUDIES OF NEW 1,2-BIS(CARBONOYLTHIOUREA)-PROPANE

MALAYSIAN JOURNAL OF CHEMISTRY

2011 JOURNAL WOS MAIN AUTHOR

23. SYNTHESIS AND STRUCTURAL STUDIES OF ANILINE-4,5-DIMETHYL-1,3-THIAZOLE AND ITS DERIVATIVE.

MALAYSIAN JOURNAL OF SCIENCE

2009 JOURNAL WOS MAIN AUTHOR

24. SYNTHESIS AND ANTI-BACTERIAL ACTIVITY OF ANILINO-4,5-DIMETHYL-1,3-THIAZOLE DERIVATIVES

SECOND INTERNATIONAL CONFERENCE AND WORKSHOPS ON BASIC & APPLIED SCIENCES

2008 PROCEEDING NON-INDEX MAIN AUTHOR

25. SINTESIS DAN PENCIRIAN STRUKTUR ISOMER BEBERAPA TERBITAN ANILINO-4,5-DIMETIL-1,3-TIAZOL

KOLOKIUUM SISWAZAH KE-7, FAKULTI SAINS & TEKNOLOGI, UNIVERSITI KEBANGSAAN MALAYSIA

2006 PROCEEDING NON-INDEX MAIN AUTHOR

CONSULTATION

1. PENYELIA PENILAIAN PRAKTIKUM PESERTA KURSUS ASAS PEMBELAJARAN & PENGAJARAN (P&P) USIM 2018

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2018 UNIVERSITY

2. PENAKSIR KERTAS SOALAN (TMS0424 CHEMISTRY I)PEPERIKSAAN AKHIR SEMESTER I SESI AKADEMIK 2018/2019 PUSAT TAMHIDI

-

2018 UNIVERSITY

3. PENILAI MODUL ANALYTICAL CHEMISTRY IN HALAL & THOYYIB IDENTIFICATION

KOLEJ PERMATA INSAN

2017 UNIVERSITY

4. PANEL PENILAI PROGRAM DEEMED ACCREDITED : BSC (HONS) APPLIED CHEMISTRY (AS225/245)

INSTITUT KUALITI & PENGEMBANGAN ILMU, UITM

2017 UNIVERSITY

5. PANEL PENILAI PROGRAM DEEMED ACCREDITED : DIPLOMA IN SCIENCE (AS120)

INSTITUT KUALITI & PENGEMBANGAN ILMU, UITM

2017 UNIVERSITY

AWARDS/RECOGNITION

1. ACADEMIC ADVISOR

PEMERIKSA LUAR PUSAT PENGAJIAN DIPLOMA UNIVERSITI TUN HUSSEIN ONN MALAYSIA (UTHM)

2024 NATIONAL

2. ACADEMIC ADVISOR

PENGERUSI JAWATANKUASA PENTAKSIRAN SOALAN/PENILAIAN PEPERIKSAAN (DALAM TALIAN) AKHIR SEMESTER II, SESI AKADEMIK 2020/2021 PUSAT TAMHIDI

2021 UNIVERSITY

3. ANUGERAH PERKHIDMATAN SETIA

2020 UNIVERSITY

4. ACADEMIC ADVISOR

PENGERUSI JAWATANKUASA PENTAKSIRAN SOALAN/PENILAIAN PEPERIKSAAN (DALAM TALIAN) AKHIR SEMESTER I, SESI AKADEMIK 2020/2021 PUSAT TAMHIDI

2020 UNIVERSITY

5. ACADEMIC ADVISOR

PENAKSIR KERTAS SOALAN PEPERIKSAAN AKHIR TMS0424 CHEMISTRY I SEM I SESI 2019/2020 PUSAT TAMHIDI

2019 UNIVERSITY