

MAHMOUD DOGARA ABDULRAHMAN

*Department of Biology, Faculty of Education, Tishk International University
Kurdistan.*



Teaching Philosophy: Within the context of the classroom, I connect students with plants diversity in their habitat. Establishing strong connection between the student, plant content and the world.

1. Citizenship: Nigerian
2. State: Kaduna
3. Date of Birth: 13th November 1984
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5. Academic Qualifications:
 - ✓ Doctor of Philosophy: Botany **Unisza Malaysia**
 - ✓ Master of Science: MSC Biotechnology **UTM Malaysia**
 - ✓ Professional Diploma in Education **FCE Zaria Nigeria**
 - ✓ Diploma in Data Processing and Computer Programming **TCI Zaria**
 - ✓ Bachelor Degree: B.SC (Hons) Biology **UDUS Nigeria**

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6. Brief Career History:

Asst. Prof. Abdulrahman Mahmoud Dogara secured an Appointment with Kaduna State University as Graduate Assistant in 2011. He later proceeded to Universiti Teknologi Malaysia in 2013 and obtained his Master of Science, Biotechnology in 2015 and got promoted to the ranks of Assistant Lecturer and lecturer II in 2015 and 2018 respectively. The candidate obtained his Doctor of Philosophy (PhD) in Botany at Universiti Sultan Zainal Abidin (UniSZA) in 2019. He is currently an Assistant Professor at Tishk International University, Erbil, Kurdistan Region, Iraq. He published numerous articles indexed in Web of Science, Scopus, and some other indexed databases.

7. Field(s) of Specialization:

- ✓ Plant systematics
- ✓ plant taxonomy
- ✓ Plant anatomy
- ✓ Plant micromorphology
- ✓ Plant molecular
- ✓ Ethnobotany
- ✓ Chemometrics
- ✓ Phytochemistry

8. Achievements / Awards:

- ✓ Best Poster Presenter in the International Malaysian French Scientific Conference at the University of Malaya 2017
- ✓ Graduated on Time (GOT) UniSZA 2019

9. Responsibilities Held

- ❖ Director New Method Academy Zaria, Kaduna State (2015- 2017).
- ❖ Assistant Departmental Examination Officer, Kaduna State University (2015).
- ❖ Member Laboratory Accreditation Committee. Department of Biological Sciences, Kaduna State University (2015).
- ❖ Central Supervisor NBAIS June/July (2015)
- ❖ Central Supervisor NBAIS June/July (2016)

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- ❖ Departmental Seminar Coordinator. Department of Biological Sciences, Kaduna State University (2015- 2017).
- ❖ Exams Item writer for National Teachers Institute, Kaduna 2019/2020.
- ❖ Departmental PG Coordinator, Biological Sciences, Kaduna State University (2020).
- ❖ Member of Professional Development Committee, Faculty of Education, Tishk International University (2021 To Date).
- ❖ Level Coordinator, Grade II Biology Department Faculty of Education, Tishk International University (2021 To Date).
- ❖ Head of Research Project Committee, Biology Department Faculty of Education, Tishk International University (2021 To Date).
- ❖ Head of Departmental Scientific Committee, Biology Department Faculty of Education, Tishk International University (2022 To Date).

10. **Journal Publications:**

1. **Mahmoud Dogara Abdulrahman** (2023). Crude Extract of *Ficus Deltoidea* Jack as a Natural Biological Therapy. Exploration of Targeted Anti-tumor Therapy. (Accepted).
2. **Mahmoud Dogara Abdulrahman**, Fattma Zrar Mohammed, Saber W. Hamad, Harmand A. Hama, Abubakar Abdullahi Lema (2022). Medicinal Plants Traditionally Used in the Management of Covid-19 In Kurdistan Region of Iraq. ARO-The Scientific Journal of Koya University. 10(2); 87-98.
3. **MAHMOUD Dogara Abdulrahman**, Abubakar Abdullahi Lema, Harmand A. Hama, Saber W. Hamad, Nor Hasima Mahmod, Mohammad Moneruzzaman Khandaker and Wandayi Emmanuel Amlabu (2022). Ethnopharmacology, Biological evaluation and Chemical composition of *Boswellia dalzielii* Hutch: A Review. Indonesian Journal of Pharmacy. <https://doi.org/10.22146/ijp.4279>.
4. **MAHMOUD Dogara Abdulrahman**, Sarwan W. Bradosty, Saber W. Hamad, Muhammad Tukur Ibrahim, Abubakar Abdullahi Lema, Namadi Sunusi, Muhammad Usman, Ibrahim Ashiru, Nuraddeen Bello Ahmad and Nuradeen Wada

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and Rainer W. Bussmann (2022). Traditional Methods for Treatment and Management of Measles in Northern Nigeria: Medicinal plants and their molecular docking. *Ethnobotany Research and Applications*. 23.33.1-38.

5. **MAHMOUD Dogara Abdulrahman**, Ibrahim Muhammad Bello , Namadi Sunusi Aishatu Ishaq Jumare , Salisu Muhammad Tahir, Usman Muhammad (2022). Leaf Anatomical Identification of *Boswellia dalzielii* Hutch and *Commiphora africana* (A.Rich.) Endl. *AFIT Journal of Science and Engineering Research*. 1(1); 29-34.
6. **ABDULRAHMAN Mahmoud Dogara** (2022). Chemical composition of *Bryophyllum pinnatum* (Lam.) Oken. *Indonesian Journal of Pharmacy*. 33(2); 193-199.
7. Muhammad Usman, **Mahmoud Dogara Abdulrahman**, Saber W. Hamad, Harmand A. Hama and Abubakar Abdullahi Lema. Antioxidants, Anti-inflammation, Anti-hyperglycemia, and Chemical Evaluation of the whole plant extracts of *Anisopus mannii* N.E.Br. *ZANCO Journal of Pure and Applied Sciences*. 34(5);114-122.
8. **MAHMOUD Dogara Abdulrahman** (2022). Biological Activity and Chemical Composition of *Detarium microcarpum* Guill. and Perr—A Systematic Review. *Advances in Pharmacological and Pharmaceutical Sciences*. <https://doi.org/10.1155/2022/7219401> .
9. Abubakar Abdullahi Lema, Nor Hasima Mahmod, Mohamad Moneruzzaman Khandaker, Hassan Nudin Nur Fatiha, **ABDULRAHMAN Mahmud Dogara** (2022). *Plant Science Today*. <https://doi.org/10.14719/pst.1796>.
10. Aishatu Ishaq Jumare, **ABDULRAHMAN Mahmoud Dogara** and Wandayi Emmanuel Amlabu (2022). *Ethnobotany Research and Applications*. 23.38.1-21.
11. Nor Hasima Mahmod, Abubakar Abdullahi Lema, Siti Fazlina Kamarudin, Norsyaya Shari, Tajul Afif Abdullah, **ABDULRAHMAN Mahmoud Dogara** (2022). Effect of Plant Growth Regulators, Basal Media Strength and Carbon Sources on *Hylocereus Costaricensis* (Red Dragon Fruit) Seed Germination. *Eurasian Journal of Science & Engineering*. 7(2), 149-162.
12. Abubakar Abdullahi Lema, Nor Hasima Mahmod, Mohammad Moneruzzaman Khandake, **MAHMOUD Dogara Abdulrahman** (2022). The role of anthocyanins in activating antioxidant enzymes during postharvest degradation of (*Hibiscus sabdariffa* L.) Roselle calyx. *Plant Omics*. 10.21475/POJ.15.01.22. p3627.

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13. **MAHMOUD Dogara Abdulrahman**, Ali Muhammad Zakariya, Harmand A. Hama, Saber W. Hamad, Sawsan S. Al-Rawi, Sarwan W. Bradosty, and Ahmad H. Ibrahim (2022). Ethnopharmacology, Biological Evaluation, and Chemical Composition of *Ziziphus spina-christi* (L.) Desf.: A Review. *Advances in Pharmacological and Pharmaceutical Sciences*.
<https://doi.org/10.1155/2022/4495688>.
14. Mahmoud Dogara Abdulrahman, Harmand A. Hama, Saber W. Hamad (2022). A Review on Pharmacological Activities and Medicinal Uses of *Anisopus mannii* N.E.BR. *ZANCO Journal of Pure and Applied Sciences*. 34(3);60-72.
15. **ABDULRAHMAN Mahmoud Dogara**, Saber W. Hamad, Harmand A. Hama, Sarwan W. Bradosty, Soran Kayfi, Sawsan S. Al-Rawi, and Abubakar Abdullahi Lema (2022) . Biological Evaluation of *Garcinia kola* Heckel. *Advances in Pharmacological and Pharmaceutical Sciences*.
<https://doi.org/10.1155/2022/3837965>.
16. **MAHMOUD Dogara Abdulrahman** (2022). Review of Ethnopharmacology, Morpho-Anatomy, Biological Evaluation and Chemical Composition of *Syzygium polyanthum* (Wight) Walp. *Plant Science Today*. 9(1) 167-177.
17. Abubakar Abdullahi Lema, Nor Hasima Mahmood, Mohammad Moneruzzaman Khandaker and **MAHMOUD Dogara Abdulrahman** (2022). Roselle anthocyanin stability profile and its potential role in postharvest deterioration: A review. *Plant Science Today*. 9(1) 119-131.
18. Bawale Sani Halliru, **MAHMOUD Dogara Abdulrahman**, Saber W. Hamad, Nura Wada, Tahir Lawan Dalorimaand, Bashir Ladan Aliero (2022). Influences of Different Concentrations of Herbicides on the Growth and Yield of Maize as well as their Effects on the Associated Weeds in North-Western Nigeria. *Passer Journal*. 4 (1): 31-36.
19. Anas Abba and **ABDULRAHMAN Mahmoud Dogara** (2021). Ethnomedicinal Survey of Plants used for Management of Inflammatory Diseases in Ringim Local Government, Jigawa State, Nigeria. *Ethnobotany Research & Applications* 22:47. 1-27.
20. Bawale Sani Halliru , **MAHMOUD Dogara Abdulrahman**, Saber W. Hamad and Bashir Ladan Aliero (2021). Identification of Weeds Resistant to Paraeforce(R) and Aminoforce(R) Herbicides. *Euphrates Journal of Agriculture Science*-13 (4): 20-26.

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21. **DOGARA M.A**, Umar U.U, Usman M, Sunusi N, Ladan S and Lema A.A (2021). Survey of Medicinal Plants used for the Treatment of Malaria in Kaduna State, Nigeria. *Katsina Journal of Natural and Applied Sciences*. 10(2): 14 – 24.
22. Soran Kayfi and **MAHMOUD Dogara Abdulrahman** (2021). Ethnopharmacology of Plants in Choman, Kurdistan Region of Iraq. *Applied Biological Research*. 23(4): 311-319.
23. Isah Labaran, **MAHMOUD Dogara Abdulrahman**, Saber W. Hamad, Abubakar Abdullahi Lema, Bello Hassan Jakada (2021). Traditional Medicinal plants Used for the Treatment of Cancer in Mubi, Adamawa State, Nigeria. *Al-Qadisiyah Journal of Pure Science*. 26(4): 258-268.
24. **MAHMOUD Dogara Abdulrahman**, Saber W. Hamad, Muhammad Usman, Salisu Muhammad Tahir, Namadi Sunusi (2021). Therapeutic plants used for Typhoid Fever treatment in Kaduna State Nigeria. *Al-Qadisiyah Journal of Pure Science*. 26(3) 9-21.
25. **MAHMOUD Dogara Abdulrahman** (2021). Antioxidant, alpha glucosidase, and antibacterial evaluation of *Syzygium myrtifolium* (Roxb.) Walp. *Plant Science Today*. 8(2). 410-15.
26. **MAHMOUD Dogara Abdulrahman** (2021). Anatomical Delineation of *Syzygium myrtifolium* Walp. *Bioscience Research*, 2021 18(2): 1525-1530.
27. **MAHMOUD Dogara Abdulrahman** (2021). Standardization of *Jatropha curcas*.L. *Bioscience Research*. 18(2): 1585-15891.
28. M. Usman & **M.D. Abdulrahman** & M. C. Emere & G. A. Ajibade (2021). Ethnobotany of Medicinal Plants with Antidiabetic Potentials in Northern Nigeria. *Eurasian Journal of Science and Engineering*. 7, 46-58.
29. Mohammad Moneruzzaman Khandaker, Ellyzatul Ainah Buang, Noor Afiza Badaluddin, **MAHMOUD Dogara Abdulrahman**, Khamsah Suryati Mohd, Khairil Mahmud, Nornasuha Yusoff and Tajul Afif Abdullah (2021). The stimulatory effects of fish waste effluent on cucumber photosynthesis, flower formation and fruit development grown in Peat Moss. *Bioscience Research*. 18(1): 863-873.
30. Mohammad Moneruzzaman Khandaker, Aimi Fatini, **MAHMOUD Dogara Abdulrahman**, Umar Aliyu Abdullahi and Noor Afiza Badaluddin (2020). Growing Media Influence on the Growth and Development of *Rosa Hybrida*. *Plant Archive*. 20, 6001-6009.

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31. Mohammad Moneruzzaman Khandaker, Nurul Hana Ismail, **MAHMOUD Dogara Abdulrahman, Nornasuha Yusoff, Khamsah Suryati Mohd, Noor Afiza** Badaluddin and Mohammed Saifuddin (2020). Effects of Branch Bending Angle on Growth and Flowering of Wax Apple (*Syzygium Samarangense*). Plant Archive. 20, 5907-5913.
32. **MAHMOUD Dogara Abdulrahman**, Abdul Manaf Ali, Hasan Nudin Nur Fatihah, Shamsiah Abdulrahman and Mohammed Moneruzzaman Khandaker, MAT Nashriyah (2020). Mineral Elements Composition of *Syzygium polyanthum* (Wight) Walp. Plant Archive. 20, 5521-5526.
33. Mohammad Moneruzzaman Khandaker, Muhammad Syafiq, **MAHMOUD Dogara Abdulrahman**, Khamsah Suryati Mohd, Nornasuha Yusoff, Mohammad Hailmi Sajili and Noor Afiza Badaluddin (2020). Influence of Paclobutrazol on Growth, Yield and Quality of Eggplant (*Solanum melongena*). *Asian Journal of Plant Sciences*, 19: 361-371.
34. **MAHMOUD Dogara Abdulrahman**, Abdul Manaf Ali, Hasan Nudin Nur Fatihah, Mohammed Moneruzzaman Khandaker, MAT Nashriyah (2020). Ethnobotany of *Syzygium polyanthum* (Wight) Walp in Terengganu, Peninsular Malaysia. *Journal of Agrobiotechnology*. 2020, 11(2):39-47.
35. **MAHMOUD Dogara Abdulrahman**, HASAN Nudin Nur Fatihah, ABDUL Manaf Ali, MAT Nashriyah and MOHAMMED Moneruzzaman Khandaker, (2020). Phenetic and Unsupervised Multivariate Analysis of *Syzygium polyanthum* (Wight) Walp cultivar. *Iraqi Journal of Agricultural Sciences*. Accepted Volume 51, Issue (6), 2020.
36. **MAHMOUD Dogara Abdulrahman**, ISAH Labaran and Abdulkadir Yunusa, (2020). Ethnobotany of Medicinal Plants with Antimalarial Potentials in Northern Nigerian. *Ethnobotany Research and Application*. 19, 2020. 1-8.
37. **MAHMOUD Dogara Abdulrahman**, ABDUL Manaf Ali, HASAN Nudin Nur Fatihah, MOHAMMED Moneruzzaman Khandaker, MAT Nashriyah (2019). In Vitro Biological investigation of *Syzygium polyanthum* (Wight) Walp cultivar. *International Journal of Agriculture and Biology*. 22: 1399-1406.
38. **MAHMOUD Dogara Abdulrahman**, Faiza Abdullahi, Umar Umar Uwais, Salisu Muhammad Tahir, Saidu Abdulkadir, Basira Ibrahim, Abdulkadir Yunusa, Isah Labaran and Usman Muhammad (2019). Macroscopic and Microscopic Examination of Fungi Associated with *Ipomea batatas* in Kaduna State, Northern Nigeria. *Annals. Food Science and Technology*. 20(4): 909-915.

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39. **MAHMOUD Dogara Abdulrahman**, ABDUL Manaf Ali, HASAN Nudin Nur Fatihah, Mohammed Moneruzzaman Khandaker, MAT Nashriyah (2019). Review on Traditional Knowledge and Utilisation of Medicinal Plants'. *Bioscience Research*. 16 (4). 3298-3313.
40. S. M. Tahir, A. A. Samaila and **Abdulrahman M.D** (2019). Studies on the Effects of 6-Benzylaminopurine and 1-Naphthaleneacetic Acid on The In Vitro Regeneration of Okra (*Abelmoschus Esculentus* L.). *Science World Journal*.10 (1):119-128.
41. **MAHMOUD Dogara Abdulrahman**, Abdul Manaf Ali, Hasan Nudin Nur Fatihah, Mohammed Moneruzzaman Khandaker, MAT Nashriyah (2018). Discrimination of *Syzygium polyanthum* Cultivars (Wight) Walp Based on Essential oil Composition'. *Journal of Agrobiotechnology* 10(1) 1-9.
42. **MAHMOUD Dogara Abdulrahman**, Abdul Manaf Ali, Hasan Nudin Nur Fatihah, Mohammed Moneruzzaman Khandaker, Mat Nashriyah (2018). Traditional Medicinal knowledge of Malays in Terengganu state Peninsular *Malaysia*. *Malayan Nature Journal* 70(3) 349-364.
43. **MAHMOUD Dogara Abdulrahman**, Abdul Manaf Ali, Hasan Nudin Nur Fatihah, MOHAMMED Moneruzzaman Khandaker, MAT Nashriyah (2018). Taxonomic Discrimination of *Syzygium Polyanthum* Cultivars (*Serai Kayu* and *Serai Kayu Hutan*) Based on FTIR Spectroscopy'. *Bioscience Research* 15(4) 3635-3646.
44. **Nor Asia Awang**, Abdul Manaf Ali, **MAHMOUD Dogara Abdulrahman**, MAT Nashriyah (2018). Edible Bitter Mushroom from Besut, Malaysia. *Journal of Agrobiotechnology* 9(4) 70-79.
45. Umar U.U., Abdullahi, S., **Abdulrahman M.D** and Bashir, Y.R. (2017). Genetic variability, heritability, and genetic advance for quantitative characters in ginger (*Zingiber officinale* Roscoe). *International journal of science for global sustainability*, **4(1)**: 27-34.
46. Kamal Usman, Idris Shehu, **MAHMOUD Dogara Abdulrahman**, and Zainab Ladidi Idris (2017). In-Silico Characterization and Mutagenesis of β - Glucosidase from *Anoxybacillus* sp.SK3. *American Journal of Bioscience and Bioengineering*. 5(1):1-7.
47. Shahkila Mohd Arif, **ABDULRAHMAN Mahmoud Dogara**, Nyuk Ling Ma, Mohd Shahir Shamsir, Sepideh Pervizpour and Zaidah Rahmat (2016). Molecular

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Phylogeny and Structure Prediction of rice *RFT1* Protein. *Jurnal Teknologi*. **78:2** 115-120.

48. **ABDULRAHMAN, M.D**, Umar, U.U, Sirajo, S.A., Muazu, Z., and Abdullahi A (2016). Studies on the Effects of Organic Fertilizers on the Growth of Seedlings and Biomass of *Zee mays*. *International journal of Applied Biological Research*. 7 (2).37-42.
49. **M.D Abdulrahman**, S.M Tahir and Y. Abdulkadir (2015). Amplification of Rice Flowering from Upland Rice. Umaru Musa Yaradua University. *Katsina Journal of Natural and Applied Sciences*. 4 (1): 21 – 31.
50. **M.D Abdulrahman**, Y. Abdulkadir and H. Ibrahim (2015). Studies on the Transformation of Rice Florigen using Pigment Vector and Phylogenetic Analysis of the gene. Umaru Musa Yaradua University. *Katsina Journal of Natural and Applied Sciences*. 4 (1): 154 – 161.
51. Tahir, S M, Bashir, S. A, **M.D Abdulrahman** and Abdullah, A.Y (2015).Effect of Varying Concentration of 2,4-Dichlorophenoxy acetic acid(2,4-D) on Callus Induction in *Artemisia annua*. *Science World Journal*.10 (1):17-19.
52. Tahir, S.M, Dauda, J.T, H, Ibrahim, F. Ahmed, S. Yakubu and **A.M Dogara** (2015). Effect of Varying Concentrations of *Benzleaminopurine* (Bap) On the Invitro Multiplication of Pineapple (*Anana scomosus* L.). Umaru Musa Yaradua University. *Katsina Journal of Natural and Applied Sciences*. 4 (2): 146 –150.
53. Umar U.U, **Abdulrahman M.D** and Abdullahi, S (2015). Assessment of Genetic Variability of Maize Inbreed lines and their Hybrids under Normal and Drought Conditions. *The Nigerian Agricultural Journal*. **46 (1&2)**. 314- 321.
54. **Abdulrahman Mahmoud Dogara**, Salisu Muhammad Tahir, Idris Shehu, Mustapha Abbah, Ummar Shitu, Zainab Idris Ladidi, Aisha Ishaq Jumare (2014). Mechanisms of photoperiod in regulation of rice flowering. *International Journal of Genetics and Genomics*. 2(1): 1-5.
55. **Abdulrahman Mahmoud Dogara**, Aisha Ishaq Jumare (2014). Origin, Distribution and Heading Date in Cultivated Rice *International Journal of Plant Biology and Research*. 2(1): 1-8.

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11. Conference Proceedings:

1. **Mahmoud Dogara Abdulrahman** (2022). Plants Biodiversity Utilization in Bardarash, Kurdistan, Iraq. Proceedings for the 8th Conference of the Sustainable Solutions for Energy and Environment EENVIRO 2022. 19 -21st October, Technical University of Civil Engineering, Bucharest, Romania.
2. **Mahmoud Dogara Abdulrahman**, Harmand A. Hama, Saber Wasman Hamad (2022). Proceedings for the 8th Conference of the Sustainable Solutions for Energy and Environment EENVIRO 2022. 19 -21st October, Technical University of Civil Engineering, Bucharest, Romania
3. U.U. Umar, S.G. Ado, A. Usman, **M.D. Abdulrahman**, and A.M. Iyad (2021). Correlation And Path Coefficient Analysis in Maize (*Zea mays* L.) Under Non-Stress and Water Stress Conditions. Conference Proceedings for the 44th Genetic Society of Nigeria (GSN). 10-14th October Ahmadu Bello University Zaria.
4. **Mahmoud Dogara Abdulrahman** and Ibrahim Muhammad Bello (2021). Morphology, Anatomy and Unsupervised Multivariate analysis of *Dialium guineense* Willd. and *Detarium microcarpum* Guill. & Perr. Conference Proceedings for the 8th International Conference and Workshop on Basic and Applied Sciences (ICOWOBAS). 23 -26 August at Universitas Airlangga. Indonesia.
5. **Mahmoud Dogara Abdulrahman** and Soran Kayfi (2021). Medicinal Plants Traditionally used in Koya, Kurdistan Region of Iraq. Conference Proceedings for the 8th International Conference and Workshop on Basic and Applied Sciences (ICOWOBAS). 23 -26 August at Universitas Airlangga. Indonesia.
6. **Mahmoud Dogara Abdulrahman** (2021) Morphological Discrimination of *Parlatoria cakiloidea* Boissm. 1st National Tishk Pharmaceutical Conference Erbil/ Iraq 2021 26-27 June 2021; Tishk International University. Abstract MED. 025.
7. **M.D. Abdulrahman**, Y. Abdulkadir, S.M. Tahir and U.U. Umar. (2015). Comparative Studies of Methods of DNA Extraction in Rice for Polymerase Chain reaction. Conference Proceedings for the 39th Annual Conference of the Genetics Society of Nigeria held from 27 – 31 October at Abubakar Tafawa Balewa University, Bauchi.

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8. **M.D. Abdulrahman**, Y. Abdulkadir, U.U. Umar and S.M.Tahir. (2016). Allelopathic effect of *Azadirachta indica* leaves on the seedling growth and Biomass of Zea mays Conference Proceedings for the 2nd Annual International Conference organize by Faculty of Science, Northwest University held from 6th – 9th November 2016 at Northwest University. Kano.

12. Conference Presentations:

1. Mahadi Fuad Ahmed and **Mahmoud Dogara Abdulrahman** (2022) Traditional Medicinal Plants Used by the People of Bardrash, Kurdistan, Iraq. 9th National Young Researchers Conference May 26th, 2022. Tishk International University
2. Sayran Asaad Hassan, Giaband Abdulrahman maghdid Amina luqman Muhammad and **Mahmoud Dogara Abdulrahman** (2022) . Medicinal Plants Traditionally Used by Peoples of Ranya, Kurdistan Region Iraq. 9th National Young Researchers Conference May 26th, 2022. Tishk International University. Abstract 061.
3. Afnan Abdurrahman, Rayan Sardar, Maria Othman and **Mahmoud Dogara Abdulrahman** (2022). Antimicrobial Evaluation *Saussurea Costus* (Falc.) Lipsch. 9th National Young Researchers Conference May 26th, 2022. Tishk International University. Abstract 026.
4. Delan Hassan, Bahar Omer, Fatima Salih and **Mahmoud Dogara Abdulrahman** (2022). Medicinal Plants Used for Immune Booster in The Kurdistan Region, Iraq. 9th National Young Researchers Conference May 26th, 2022. Tishk International University. Abstract 039.
5. Ahmad Fathullah Hassan, Dahat Nawzad Abdulrazaq, Rawa Ibrahim Muhammad, **Mahmoud Abdulrahman Dogara** (2022). Knowledge, Attitude and Practice of Covid-19 In Kurdistan Region of Iraq. 9th National Young Researchers Conference May 26th, 2022. Tishk International University. Abstract 027.
6. **Mahmoud Dogara Abdulrahman** (2021) Morphological Discrimination of *Parlatoria cakiloidea* Boissm. 1st National Tishk Pharmaceutical Conference Erbil/ Iraq 2021 26-27 June 2021; Tishk International University. Abstract MED. 025.
7. U.U. Umar, S.G. Ado, A. Usman, **M.D. Abdulrahman**, and A.M. Iyad (2021). Correlation And Path Coefficient Analysis in Maize (*Zea mays* L.) Under Non-Stress

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and Water Stress Conditions. Book of Abstract for the 44th Genetic Society of Nigeria (GSN). 10-14th October Ahmadu Bello University Zaria.

8. **Mahmoud Dogara Abdulrahman** and Ibrahim Muhammad Bello (2021). Morphology, Anatomy and Unsupervised Multivariate analysis of *Dialium guineense* Willd. and *Detarium microcarpum* Guill. & Perr. Book of Abstract for the 8th International Conference and Workshop on Basic and Applied Sciences (ICOWOBAS). 23 -26 August at Universitas Airlangga. Indonesia. Pg 5.
9. **Mahmoud Dogara Abdulrahman** and Soran Kayfi (2021). Medicinal Plants Traditionally used in Koya, Kurdistan Region of Iraq. Book of Abstract for the 8th International Conference and Workshop on Basic and Applied Sciences (ICOWOBAS). 23 -26 August at Universitas Airlangga. Indonesia. Pg 6.
10. Abdulaziz Rabiul Abdulkadir, Murtala Namadina Muhamad and **Mahmoud Dogara Abdulrahman** (2019) Antioxidants Potentials from Different Parts of *Azadirachta indica* (Neem tree). 37th Annual National Scientific Conference Katsina 2019 November 4-18; Umaru Musa Yaradua University. Abstract ENP 003.
11. Yunusa Abdulkadir, Sambo Misbahu, Muhamad Kano Atiku, Labaran Isah, Bawa Abubakar and **Mahmoud Dogara Abdulrahman** (2019) Aqueous Extracts of Date Fruits (*Phoenix dactylifera*) on the Hepatocurative Induced Toxicity in Rats. 37th Annual National Scientific Conference Katsina 2019 November 4-18; Umaru Musa Yaradua University. Abstract BT 026.
12. **Mahmoud, D. A.**, Manaf, A. A Fatihah, H. N. N & Nashriyah, M. (2018) Morpho-anatomical and chemotaxonomic studies of *Syzygium polyanthum* W. (Serai kayu and Serai kayu hutan) a Native Plants of Terengganu Peninsular Malaysia. International Conference of Natural Products 2018 March 19-21; University Sains Malaysia. Abstract nr OR 35.
13. **Mahmoud, D. A.**, Manaf, A. A Fatihah, H. N. N & Nashriyah, M. (2018) Chemotaxonomic Discrimination of *Syzygium polyanthum* Cultivars (Serai Kayu and Serai Kayu Hutan) based on FTIR Spectroscopy. Annual Research Week. Seminar Presentation. Faculty of Bioresources and Food industry Universiti Sultan Zainal Abidin PP.05.
14. **Mahmoud, D. A.**, Manaf, A. A, M. M. Khandaker, Fatihah, H. N. N & NASHRIYAH, M. (2018) Chemical Composition of *Syzygium polyanthum* Cultivars (Serai Kayu and Serai Kayu Hutan). International Conference on Agriculture, Animal Sciences & Food Technology 2018 Oct 30-31; Faculty of Bioresources and Food industry Universiti Sultan Zainal Abidin.

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15. **Mahmoud, D. A.**, Nashriyah, M. & Manaf, A. A. (2017) Ethnobotanical Studies of Some Selected Medicinal and Aromatic Plants in Terengganu Peninsular Malaysia. International Malaysian French Scientific Conference 2017 Dec 18-19; University of Malaya. Abstract nr PP 32.
16. Nashriyah, Mat, Noor Asiah Awang, **M. Dogara Abdulrahman**, & A. Manaf Ali. (2017) Macroscopic Observation on Bitter Mushroom from Besut, Malaysia. International Malaysian French Scientific Conference 2017 Dec 18-19; University of Malaya. Abstract nr PP 38.
17. **M.D. Abdulrahman**, S.M.Tahir, I.Labaran and T.L.Dalorima (2017). Effect of Moisture Stress on the Vegetative Growth of *Oryza sativa* L. 25TH Annual Conference of Botanical Society of Nigeria (BOSON) held from 2nd – 6th July 2017 at the Usman Danfodio University Sokoto.
18. **M.D. Abdulrahman**, S.M.Tahir, F.Abdullahi, U.U.Uwais and I.Labaran (2017). Fungi Associated with Sweet potato (*Ipomea batata*). 25TH Annual Conference of Botanical Society of Nigeria (BOSON) held from 2nd – 6th July 2017 at the Usman Danfodio University Sokoto.
19. Umar U.U., Musa, N., Mijinyawa A., Bashir, Y.R. and **Abdulrahman M.D** (2017). Genetic relationship between rhizome yield and other quantitative characters in ginger (*Zingiber officinale* Roscoe). Proceedings for the 41st Annual Conference of the Genetics Society of Nigeria. Pp 331-334.
20. Tahir. S.M, Tanimu. G.G, Abdullahi. A.Y, **Dogara. A.M**, Abdullahi. F.A and Yakubu. S.A (2016) Asexual Propagation of Worm Wood (*Artemisia annua* L) using Stem Cuttings. 24TH Annual Conference of Botanical Society of Nigeria (BOSON) held from 14th – 18th August 2016 at the University of Ibadan.
21. Tahir. S.M, Muhammad A.S, Abdullahi. A.Y, **Dogara. A.M**, Abdullahi. F.A and Yakubu. S.A (2016) Effect of Plant Growth Regulators on the Asexual Propagation of *New bouldia laevis* (Seem) using Stem Cuttings. 24TH Annual Conference of Botanical Society of Nigeria (BOSON) held from 14th – 18th August 2016 at the University of Ibadan.
22. **M.D.Abdulrahman** and J.N.Janeth (2016) Phytochemical Screening and Anti-fungal activity of Stem Bark Extracts of Neem (*Azadirachta indica*).29th Annual Conference of the Biotechnology Society of Nigeria (BSN) held from 28th -31st August 2016 at the University of Calabar.
23. **M.D. Abdulrahman**, Y. Abdulkadir, M. Zainab, U.U. Umar, and A. Abdullahi. (2016). Assessment of Organic Fertilizer on the Seedling Growth Biomass of Mize

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(Zee maize) 40th Annual Conference of the Genetics Society of Nigeria (GSN) held from 30th October – 2nd November 2016 at the University OF Jos.

24. **Mahmoud. D.A**, Tahir. S.M, Ibrahim. H (2015). Optimization of *Hd3a* and *RFT1* from upland Rice cultivar HITAM. 23rd Annual Conference organized by the Botanical Society of Nigeria (BOSON) held from 16th – 20th August 2015 in the University of Lagos.
25. Tahir, S M, **Mahmoud, D.A**, Ibrahim, H. and Abdullahi, A.Y(2015) Studies on the *In situ* Biomass Production in Worm wood (*Artemisia annua*) L. 23rd Annual Conference organized by the Botanical Society of Nigeria (BOSON) held from 16th – 20th August 2015 in the University of Lagos.
26. Tahir S.M, Achi W.J, Abdulkadir S, **A.M Dogara** and H. Ibrahim (2015). Effects of Gibberellic Acid (GA3) and Indole-3-Acetic Acid (IAA) on *In vitro* regeneration of *Jatropha curcas* Linn. 28th Annual International Conference of the Biotechnology Society of Nigeria (BSN) held from 24th -29th August 2015 at Godfrey Okoye University, Enugu.

13. Book Chapter

1. Mohammad Moneruzzaman Khandaker, Umar Aliyu Abdullahi, **MAHMOUD Dogara Abdulrahman**, Noor Afiza Badaluddin and Khamsah Suryati Mohd (2021). Bio-Ethanol Production from Fruit and Vegetable Waste by Using *Saccharomyces cerevisiae*. INTECHOPEN.

14. Workshops Attended:

1. Writing and Reviewing Scientific Paper 2021
2. Case Study in Qualitative Research: Method or Methodology 2021
3. Turning your Thesis into a Research Paper 2021
4. Write and Publish a Research Paper 2021
5. Stress Management for Working Professional Students 2021
6. Research Methodology 2018
7. Postgraduate Data Analysis 2018
8. Minggu Penyelikan FBIM 2018
9. Postgraduate Journal Club 2018
10. Chromatography and Chromatography Techniques 2017
11. Chromatography and Spectroscopic Education 2017

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12. Introduction to Data Analysis Using SPSS
13. Graduate on Time (GOT) Workshop 2015
14. How to write a Manuscripts for publication 2015
15. Referencing Using Endnote Software 2014

15. Extra-Curricular Activities

1. President Barewa Old Boys Association (BOBA) President Biological Science Student Association Usmano Danfodio University Sokoto Chapter (2006/2007- 2007/2008).
2. President Biological Science Student Association (BIOSA) Usmano Danfodio University Sokoto Chapter (2006/2007- 2007/2008).
3. Chairman Election Committee Kaduna State Student Association (KADSU) Usmano Danfodio University Sokoto Chapter (2006/2007).
4. Biological Science Department Representative at the Faculty of Science Students Association Usmano Danfodio University Sokoto Chapter (2004/2005- 2005/2006).

16. Referees

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