

DR.MUSTAFA RIYADH MOHAMMED AL.SHAHEEN

Bioprocess Engineering

Iraq, Anbar, Ramadi

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Profile

I am Mustafa Riyadh Mohammed Al.Shaheen, I am 36 years old. I live in Ramadi Center of Anbar province. I completed a bachelor's degree in agricultural sciences in 2005 and then completed a master's study in water stress in 2011. Employment in the Faculty of Agriculture, University of Anbar in 2006 also I completed my PhD in Malaysia in 2016 at the University of Perlis (Unimap) Malaysia.

Education

Bachelor's degree in agricultural sciences in 2005

University **University of Anbar.**

Master's degree in water stresses in 2011, (**Effect of two levels of irrigation according to stages of growth on Corn (*Zea mays L.*)**).

Anbar University.

PhD in Malaysia in 2016 at University of Perlis (Unimap) Malaysia

Effect of biological treatments by using growth regulators and amino acids on the vital qualities in the plant cell under water stress conditions

Employment History

Literature, University of Anbar, Anbar, Iraq

From 2006 until now.

Achievements and responsibilities:

- * Member of the Central Examination Committee.
- * Secretary of Field Crops Department.
- * Secretary of Department of Horticulture and Garden Engineering.
- * Member of a sub-committee in field crops.
- * Member of a sub-committee in Horticulture and Garden Engineering.
- * Member of the Purchasing Committee.
- * Member of the National Quality Assurance Committee.

- * Member of the Computer Teaching Committee.
- * Member of the Curriculum Committee.
- * Member of the Scientific Secretariat Committee.
- * Member of the Council of Continuing Education.
- * Secretary of the Department of Gardening and Garden Engineering.
- * Member of Laboratory Maintenance Committee.
- * Member of the sub-committee.
- * Member of the committee of teaching English language at the Faculty of Agriculture.
- * I have been working in university teaching since 2005 until now.
- * I gave the following lessons:
 - Biochemistry.
 - Organic chemistry.
 - Principles of field crops.
 - Plant texture.
 - Growth regulators.
 - Plant breeding.
 - Plant production.
 - Medicinal and aromatic plants.
 - Nanomaterials.
 - Nano technology.

Achievements and responsibilities:

Trainings.

- * Orientation Session 9 June 2015. Organized by Center For Graduate Studies , UniMAP/Malaysia Perlis.
- * Thesis Writing Workshop 9,10 and 11 June 2015 . Organized by Center For Graduate Studies , UniMAP/Malaysia Perlis.
- * 31th Bioprocess Poat Graduate Research Colloquium on 3rd June 2015 as a Presenter.
- * Attend to two courses 1. Soil and water engineering. 2. Instrumentation, Measurement and control in Biosystems start in first season 2015 .
- *Taken the English language Placement Test (ELPT) that was administered by the Centre for Internationl Language (CIL) and Center for Graduate Studies (CGS) university Malaysia Perlis (UniMAP) on 15th April 2015.

* Attended and completed the Intensive English Program at the School of Languages, Literacies and Translation, Universiti Sains Malaysia. 1. Intensive English (I) Language Skills Development (Elementary). 2. Intensive English (II) Language Skills Development (Intermediate). 01/04/2013 until 24/06/2013.

* Passing the educational course at the Center for Teaching Methods, Anbar University, Iraq 2011/4/26

* Pass the validity test of teaching at the Faculty of Education, Anbar University 2011/5/25

* Attend a course in Educational rehabilitation at the Center for Teaching Methods, Anbar University 2011/4/10.

* Course Interpretation at the University of Anbar Education Center.

Research

1. **AL-SHAHEEN, Mustafa R.; SOH, Awang.** Effect of proline and Gibberellic Acid on the qualities and qualitative of Corn (*Zea mays* L.) under the influence of different levels of the water stress. *Int J Sci Res*, 2016, 6: 752-56.
2. **AL-SHAHEEN, Mustafa R.; SOH, Awang.** Growth response of corn (*zea mays* l.) To proline and gibberellic acid under different irrigation levels *International Journal of Botany and Research (IJBR)* ISSN(P): 2277-4815; ISSN(E): 2319-4456 Vol. 4, Issue 6, Dec 2014, 7-16 © TJPRC Pvt. Ltd.
3. **Mustafa. R. Al-shaheen¹, awang soh, Rabah S. Shareef Muhammad Shahzad Aslam,** The effect of two levels of irrigation according to the stages of growth in the maize (*zea mays* l.), *Indian Research Journal of Pharmacy and Science*; 7(2015) 287-298; Journal home page: <https://www.irjps.in>
4. **Rabah S. Shareef, Awang soh Mamat, Mustafa R. Al-shaheen, Muhammad Shahzad Aslam,** Study of heavy metals in mango(*mangifera indica* l) in perlis, Malaysia, *indian research journal of pharmacy and science*; 7(2015) 287-298; journal home page: <https://www.irjps.in>.

5. **Rabah S. Shareef*Awang Soh Mamat*, Mustafa R. Al-Ahaheen*Zakaria Wahab*** and Ibni Hajar Rukunudin, The effect of interaction between soil ph and cadmium on growth of corn (zea mays l.). world journal of pharmacy and pharmaceutical sciences sjif impact factor 6.041.
6. **Mukhalad H Al-ani*, Mowafaq M Muslt*, Mustafa R Al-Shaheen*, Mohammed R Al-shaheen** Effect of organic fertilization and the method and date of adding bio manure in the growth and production of cucumber varis category, international journal of current research in applied chemistry & chemical engineering vol. 2, issue 1- 2018 © eureka journals 2018. all rights reserved. issn: 2581-5385.
7. **Arwh A. Twfiq, Mustafa R Al-shaheen, Mohammed Abdullah farhan, Mohammed R Al-shaheen.** The possibility of cytokinins production from regular dry bakery yeast (saccharomyces cerevisiae) *, international journal of recent innovation in food science & nutrition vol. 1, issue 1 – 2018 © eureka journals 2018. all rights reserved. www.eurekajournals.com.
8. **Mustafa R Al-Shaheen*, Mahmood Ali Al Shaheen, Mohammed R Al-Shaheen** Evaluation the performanceof biological treatment in the scarcity of irrigation water conditions on maize (zea mays l.).international journal on recent advancement in biotechnology & nanotechnology vol. 1, issue 1 – 2018 © eureka journals 2018. all rights reserved. www.eurekajournals.com.
9. **Mustafa R Al-Shaheen, Al-Shaheen MA, Al-Shaheen MR** (2018) Effect of Biological Treatment under Water Stress Conditions on Maize (Zea mays L.). Enz Eng 7: 164. doi:[10.4172/2329-6674.1000164](https://doi.org/10.4172/2329-6674.1000164)
10. **Mustafa R. Al-Shaheen1, Awang Soh2, Rabah S. Shareef3, Omar. H. Ismaaiel** , Standardization of the Effect of Water Stress on the Yield and Productivity of Corn (Zea maize L.) According to the Stages of Growth Journal of Advanced Research in Agriculture Science & Technology Volume 1, Issue 4 - 2018, Pg. No. 15-18 Peer Reviewed Journal.
11. **Mustafa R. Al-Shaheen, Awang Soh, Rabah S. Shareef, Omar. H. Ismaaiel**, Determiation of Adverse Effect of Water Stress on Corn (Zea maize L.) according to the Stages of Growth. Journal of Advanced Research in Agriculture Science & Technology Volume 1, Issue 3 - 2018, Pg. No. 1-5 Peer Reviewed Journal.

12. **Mustafa R. Al-Shaheen¹, Awang Soh, Muaiad Hadi Ismael and Rabah S. Shareef** Alleviation of water deficit conditions on the corn (*zea mays* l.) by using gibberellic acid and proline. World Journal of Pharmacy and Pharmaceutical Sciences SJIF Impact Factor 6.041.
13. **Mustafa. R. Al-Shaheen , Awang Soh , Omar. H. Ismaaiel**, Effect of Irrigation timing and Potassium fertilizing on the some growth characteristics and production for Mungbean (*Vigna radiata L.*) 525 www.ijsrp.org International Journal of Scientific and Research Publications, Volume 6, Issue 3, March 2016 ISSN 2250-3153.
14. **Mustafa. R. Al-Shaheen 1, Awang Soh 2, Omar. H. Ismaaiel**, Effect of Irrigation timing and Potassium fertilizing on the some growth characteristics and production for Mungbean (*Vigna radiata L.*) 525 www.ijsrp.org International Journal of Scientific and Research Publications, Volume 6, Issue 3, March 2016 ISSN 2250-3153.
15. **Rabah S Shareef, Awang Soh Mamat, Mustafa R Al-Shaheen, Omar H Ismaaiel**, The Effect of Soil pH and Cadmium on Nitrogen, Phosphorus and Chlorophyll Contents in Corn (*Zea mays L.*) Journal of Advanced Research in Applied Chemistry & Chemical Engineering Volume 5, Issue 1&2 - 2018, Pg. No. 12-17 Peer Reviewed Journal.
16. **Arwa A. Tawfiq, Mustafa R. Al-Shaheen, Mukhalad H.I. Al-ani**, Gibberellic Acid (GA₃) Productions from Regular Dry Bakery Yeast (*Saccharomyces Cerevisiae*) Journal of Advanced Research in Applied Chemistry & Chemical Engineering Volume 3, Issue 1&2 - 2018, Pg. No. 24-26 Peer Reviewed Journal.
17. **Mustafa R Al-Shaheen, Awang Soh**, The Effect of Water Deficit and Gibberellic Acid on Growth, Productivity of Corn (*Zea mays L.*) Journal of Advanced Research in Agriculture Science & Technology Volume 1, Issue 1&2 - 2018, Pg. No. 52-56 Peer Reviewed Journal.
18. **Mustafa R.AL-Shaheen¹, Ghassan F. Al-Samarai and Wael Mohammed Mahdi**, Effect of Potassium Fertilization and Irrigation Period on some Growth and Yield Characteristics of Mung bean (*Vigna Radiata L.*) Journal Tikrit Univ. For Agri. Sci. Vol. (18) special No. of The 7th Scientific and 1st International Conference of Agricultural Researches, 10-11 April 2018 ISSN-1813-1646.

19. **Omar H. Al-Rawi, Mustafa R. Al-Shaheen and Adil H. Abdulkafoor**, Estimation of genetic parameters in iraqi maize inbred lines and their full diallel crosses *Plant Archives* Vol. 18 No. 2, 2018 pp. 2257-2262 e-ISSN:2581-6063 (online), ISSN:0972-5210.
20. **Ahmed Chyad Ali Al fahad, Zainab Ahmad Hassan, Hadel Sabar Hamad, Mohammed.R.AL-shaheen3, Mustafa. R. AL-shaheen**, Determination Antimicrobial Activity Of Leaves Extracted By Various Solvents From (*Elephantopus Scaber* L.) International Conference on Materials Engineering and Science IOP Publishing IOP Conf. Series: Materials Science and Engineering **454** (2018) 012110 doi:10.1088/1757-899X/454/1/012110.
21. **Ahmed sheab abd-allah, Fadhil hussein mukhlif, Yas ameen mohammed Mohammed R Al-shaheen, Mustafa R Al-shaheen** The effect of UV irradiation on antimicrobial activity of water extract from *Datura metel* L International Conference on Materials Engineering and Science IOP Publishing IOP Conf. Series: Materials Science and Engineering 454 (2018) 012109 doi:10.1088/1757-899X/454/1/012109.
22. **Omar H. AL-RAWI Adil H. Abdulkafoor Saad I. yousif Mustafa R. AL-Shaheen**, The Eurasia Proceedings of Science, Technology, Engineering & Mathematics (EPSTEM), 2018 Volume 3, Pages 133-138 ICVALS 2018: International Conference on Veterinary, Agriculture and Life Science Effect of Spraying with Different Levels of Salicylic and Humic Acid in Some Growth Characteristics and Yield of Wheat *Triticum Aestivum*.
23. **Mustafa R. Al-Shaheen, Mokhald Hadi Asmail, Mohammed R. Al-Shaheen**, Effect of iron nanoparticles and dry yeast extract in the yield and the productivity of corn corn (*Zea maize* L.). Fourth Conference of Fine Materials and its Applications Department of Physics Faculty of Science, University of Baghdad, 5-6 January.
24. **Mustafa R. Al-Shaheen, Mahmood A. Alshaher, Mohammed R. Al-Shaheen** Effect of wastewater in the Euphrates water quality in Western Iraq The 1st International Conference on Safety and Security of the Scientific Applications (ICSSSA), 26th-27th September, 2018 in College of Science, Mustansiriyah University, Baghdad, Iraq.

25. **Mustafa. R. AL-Shaheen and Awang Soh.** “*Effect of Deficit Irrigation and Spray Gibberellic Acid and Proline on Corn (Zea mays L.)*” International Conference on Environment, Agriculture and Civil Engineering (ICEACE-2016) *Express London - Heathrow T5 Address: London Rd, Slough SL3 8QB, United Kingdom Phone:+44 1753 684001.*
26. **Mustafa.R.AL-Shaheen, Awang soh, Omar. H. Ismaaiel.** “*Growth Response of Corn (Zea mays L.) to Proline and Gibberellic Acid Spray under Different Irrigation Levels*” ICoMEIA 2016 2nd International Conference on Mathematics, Engineering and Industrial Applications 2016 <http://icomeia2016.com/>.
27. **Mustafa. R. Al-Shaheen.** (2017) Effect of irrigation schedules and potassium fertilization on the production and yield of (Vigna Mungo (L) Hepper) First International Scientific Conference Faculty of Education, Tikrit University, Iraq.
28. **Mustafa. R. AL-Shaheen and Awang Soh.** "Effect of water stress, GA and proline on the productivity of maize" Ekspo Rekacipta Dan Pameran Penyelidikan UniMAP 2015. Perlis. Malaysia 27th Jan 2016 (Bronze Award).

Also I have 10 Papers in 10 conferences in Iraq and other counters.

Languages:

English , Arabic.

Supervising 15 primary studies students.

Supervision of two Master students.