



Hamid Mozafari

Assistant Professor of Crop Physiology

Shahr-e-Qods Branch, Islamic Azad University

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Contact Information:

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Education:

- Ph.D. (2008-2013), Crop Physiology, Takestan Branch, Islamic Azad University, Qazvin, Iran.
 - MSc. (2004-2006), Agronomy, Karaj Branch, Islamic Azad University, Alborz, Iran.
 - B.Sc.(1992-1996), Agronomy & Plant Breeding, Kermanshah Branch, Islamic Azad University, Kermanshah, Iran.
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Work Experience:

- Head of the Faculty of Agriculture, I.A.U., Shahr-e-Qods Branch, Tehran, Iran (2019-present).
 - Head of Department (Agrotechnology-Crop Physiology), I.A.U., Shahr-e-Qods Branch, Tehran, Iran (During 2018-present).
 - Dean of Research and Technology, I.A.U., Shahr-e-Qods Branch, (2013-2017).
 - Dean of Education, I.A.U., Shahr-e-Qods Branch (2011-2013).
 - Manager of Education, I.A.U., Shahr-e-Qods Branch (2008-2011).
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Academic Experience:

- Teaching in Ecophysiology, Crop stress, Experimental Designs in Agriculture, Seed Physiology & Technology, Research Method, Statistics and Probability in Agronomy Department, I.A.U., Shahr-e-Qods Branch, Tehran, Iran.
 - Teaching in Statistics and Probability, Crop Sciences in Food Engineering Department, I.A.U., Shahr-e-Qods Branch, Tehran, Iran.
 - Teaching in Statistics and Probability, Crop Sciences in Food Engineering Department, I.A.U., Science and Research Branch, Tehran, Iran.
 - Supervisor of student's Thesis, in Agronomy (Msc.& Ph.D.) , I.A.U., Shahr-e-Qods Branch, Tehran, Iran.
 - Supervisor of student's Thesis, in Agronomy , Food Engineering and Horticultural Sciences, (Msc.& Ph.D.), I.A.U., Science and Research Branch, Tehran, Iran.
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Publication In International Journal:

- Mitra Bakhtiari , **Hamid Mozafari***, Khalil Karimzadeh, Behzad Sani and Mehdi Mirza. 2020. Bio-organic and inorganic fertilizers modify leaf nutrients, essential oil properties, and antioxidant capacity in medic savory (*Satureja macrantha* L.). Journal of Biological Research. Vol.93:8477.
- Mitra Bakhtiari , **Hamid Mozafari***, Khalil Karimzadeh, Behzad Sani and Mehdi Mirza. 2020. Plant Growth, Physiological and Biochemical Responses of Medic Savory (*Saturejamacrantha* L.) to Bio-organic and Inorganic Fertilizers. Journal of Medicinal Plants and By-products, (2020) 1: 9-17.
- Hasti Kiapour, Payam Moaveni, Behzad Sani, Faezeh Rajabzadeh, **Hamid Mozafari**. 2020. Investigating the Effect of Magnesium and Iron Oxide Nano-Particles on the Levels of Enzymatic and Non-Enzymatic Antioxidants in Roselle. Journal of Medicinal Plants and By-products, (2020) 1:19-31.
- Ali Saki, **Hamid Mozafari***, Khalil Karimzadeh Asl, Behzad Sani, Mehdi Mirza.2019. Plant Yield, Antioxidant Capacity and Essential Oil Quality of *Satureja Mutica* Supplied with Cattle Manure and Wheat Straw in Different Plant Densities, Communications in Soil Science and Plant Analysis, VOL. 50, NO. 21, 2683–2693.

- Alireza Ghahremania, Abdollah Ghasemi Pirbaloutia, , **Hamid Mozafaria**, Davood Habib, Behzad Sania.2020. Phytochemical and morpho-physiological traits of mullein as a new medicinal crop under different planting pattern and soil moisture conditions. *Industrial Crops& Products*. Vol 145.111976.
 - Yousef Joshan, Behzad Sani, Hamid Jabbari, **Hamid Mozafari**,Payam. 2019. Effect of drought stress on oil content and fatty acids composition of some safflower genotypes. *Plant, Soil and Environment*, 65, 2019 (11): 563–567.
 - Hoseeyni,S,M., Najafi,H., Sani,B., **Mozafari, H.**, 2018. ROLE OF NEW HERBICIDES IN DODDER (*CUSCUTA CAMPESTRIS*) CONTROL IN SUGAR BEET (*BETA VULGARIS*) FIELDS, *APPLIED ECOLOGY AND ENVIRONMENTAL RESEARCH*. 16(4). 5117-5125.
 - Farrokhi,G., Moaveni, P., **Mozafari, H.**, Majidi-Heravan, E.,Sani. 2018. STUDY ON THE EFFECTS OF IRRIGATION INTERVALS AND DROUGHT STRESS ON YIELD AND YIELD COMPONENTS OF FOUR MAIZE CULTIVARS IN IRAN, *APPLIED ECOLOGY AND ENVIRONMENTAL RESEARCH*. 16(3). 2909-2921.
 - Sayyid Mahdi Rafigh, Ali Vaziri Yazdi, Ali Akbar Safekordi, Amir Heydari Nasab, Mehdi Ardjmand, Fereshteh Naderi, **Hamid Mozafari**. 2016. Protein adsorption using novel carboxymethyl-curdlan microspheres, *International Journal of Biological Macromolecules* 603-610.
 - Rouhollah Keykhosravi, **Hamid Mozafari**, Hamid Madani. 2016. The Impact of Different Nitrogen Amount and Sources on the Yield of Three Silage Corn Cultivar (KSC5020-KSC703-KSC704), *Environment Conservation Journal*.
 - Fateme Pourebrahimi, Shahla Shahriari, Mania Salehifar, **Hamid Mozafari**. 2015. Portitioning of Vanilin in Aqueous Two- Phase System Formed by Cholinium Chloride and K₃PO₄, *Bulletin of the Chemical Society of Japan*.
 - Mehdi sadeghi-Shoa, Farzad Paknejad, Hossein Hassanpour Darvishi, **Hamid mozafari**, Majid Moharramzadeh and Mohamad Reza Tookaloo. 2013. Effect of intermittent furrow irrigation, humic acid and deficit irrigation on water use efficiency of sugar beet., *Annals of Biological Research*, 2013, 4(3):187-193.
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Publication in Iranian Journals:

- Mojtaba Mosavi Ojagh , **Hamid mozafari**^{*} , Hamid jabbari and Behzad Sani, Study of Genetic Variation in Safflower Germplasm for Early Maturity and Grain Yield using Multivariate Statistical Methods, Journal of Crop Breeding Vol. , No , Summer 2019.
- Alireza Goharian, Amir Hosein Shirani Rad, Payam Moaveni, Hamid Mozafari, Behzad Sani, 2020. Foliar Application of Selenium and Zn to Improve the Yield and Yield Components of Rapeseed Genotypes under Conventional and Delayed Sowing Dates. Journal of Agricultural Science and Sustainable Production. Vol 30, Issue 2, Summer 2020: 157-176.
- M. Farid , H. Mozafari^{*} , E. Mohammadi Goltapeh. Effect of Arbuscular Mycorrhizal Fungi and Rhizobium Bacteria Co-Symbiosis on Steviol Glycosides Content in Herb Plant of Stevia, Food Technology & Nutrition / Fall 2019/ Vol. 16/ No. 4.
- Gholamreza Farrokhi, Payam Moaveni^{*}, **Hamid Mozafari**, Eslam Majidi-Heravan, Behzad Sani. The effect of irrigation cut off in different irrigation periods on yield and physiological indices of four maize cultivars. Crop Physiology journal, Volume 11, Issue 43 (9-2019).
- Sh. Ghafouri, **H. Mozafari**^{1*}, B. Sani. Investigate the effect of methanol foliar application amounts on yield and yield components of lentil (*Lens culinaris* L.) under rainfed conditions. Journal of Crop Production Research, Vol. 9, No. 2, Summer 2017.
 - Ali Asghar Ghanbari, **Hamid Mozafari**^{*} and Hossein Hassanpour Darvishi. Identification of Effective Traitson the Yield in bean Genotypes using Multivariate Statistical Methods. Journal of Crop Breeding, Vol. 9, No. 22, Summer2017.
 - Zoleykha Rahimi, **Hamid Mozaffari**^{*}, Hossein Hassanpour Darvishi. Investigation the effect of humic acidin irrigation water onyieldand yield components of rapeseed. Journal of Agronomy and Plant Breeding Vol 12. No.1, 2016.
 - **Hamid Mozafari**^{*}, Amir Hossein Shirani Rad, Jahanfar Daneshian, Evaluation of Some Mineral Elements and Heavy Metals in Rapeseed, Alfalfa, and Spinach after Irrigation with Different Levels of Domestic Waste water. Food Technology & Nutrition / Fall 2013 / Vol. 10 / No. 4.
 - Z. Buick^{*}, H. Hassanpoure Darvishi, **H. Mozafari**, D. habibi. Effect of selenium foliar application on antioxidant enzymes activity and MDAin coriander (*Coriandrum*

sativum L.) medicinal plant under droughtstress conditions. Journal of Crop Production Research. Vol. 5, No. 1, spring 2013.

- RAHIMI T.*, HASSANPOUR DARVISHI H., NOORALVANDI T., **MOZAFARI H.**,2013. THE EFFECT OF DROUGHT STRESS ON MORPHOLOGICAL CHARACTERISTICS OF IRANIAN CHAMOMILE LANDRACES UNDER DRAIN WASTEWATER. CROP PRODUCTION IN ENVIRONMENTAL STRESS SPRING 2013 , Volume 5 , Number 1 (SERIAL 12); Page(s) 47 To 55.
 - **MOZAFARI H.***, HASSANPOUR DARVISHI H. THE EFFECTS OF DIFFERENT INTEGRATED IRRIGATION METHODS WITH SALIN WATER AND WELL WATER ON THE OIL YIELD AND FATTY ACID COMPOSITION OF SUNFLOWER SEED: JOURNAL OF FOOD TECHNOLOGY AND NUTRITION, WINTER 2013, Volume 10, Number 1 (37); Page(s) 79 to 86.
 - **Hamid Mozafari *** , Jahanfar Daneshian, Hossein Hassanpour Darvishi. The Effect of different Integrated Irrigation method with salin water and well water on yield yield of Sanflower. Journal of Crop Breeding, Vol 7, No 2, Summer 2011.
 - **H. Mozafari*** , S. Vazan, M. A. Lotfollahi, S. M. M. Ardalan, Fortification of Wheat with the Use of Nitrogen Fertilisers and Its Effect on Wheat Protein and Minerals. Food Technology & Nutrition, Fall 2007, Vol. 4, No. 4.
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Books:

- Davood Habibi, Dariusha Fatolah Taleghani, Farid Golzardi, **Hamid Mozafari**.2019. Oxidative Stress in crop, Islamic Azad University Press. In Persian.
 - D Habibi, AM.Bakhshandeh, M. Esfandiary, **H. Mozafari**. 2017. Principle of Plant Physiology Laboratory. Islamic Azad University Press. In Persian.
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Reviewer of Journal:

1. Journal of Agronomy and Plant Breeding
 2. Journal of Crop Physiology
 3. Journal of Environmental Stresses in Crop Sciences
 4. Journal of Food Technology & Nutrient
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AWARDS:

- The Researcher selected award winner in 2016 year, Islamic Azad University, Shahr-e- Qods Branch, Tehran, Iran.
 - Top selected teacher in 2013 & 2016. Islamic Azad University, Shahr-e-Qods Branch, Tehran, Iran.
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SKILLS:

- Working with specialized softwares SPSS, MSTAT, SAS, Excel.
- Perform statistics and analysis of data
- Measuring essential oils of Medicinal plants and some plant enzymes