



# Yaser Khandani

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📄 live:.cid.6dddc8eaa4be52c 🏆 Yaser Khandani 🏠 Yaser Khandani

## Education

**Ph.D.,** 10/2017 – 10/2022 | Hamedan, Iran

*Production and postharvest physiology of horticultural plants*

Bu-Ali Sina University

**Project:** To cope with drought stress, in the first experiment, the effect of drought stress on the morphological, physiological, biochemical, photosynthesis, and anatomical traits of 20 Iranian, European, and American grape cultivars were investigated, and drought-tolerant cultivars were identified. In the second experiment, for improving tolerance to drought stress, the effect of naphthalene acetic acid (NAA) on the same variables of most drought-tolerant and sensitive cultivars was studied.

**Thesis grade:** 19.75 / 20

**Supervisors:** Prof. Mansour Gholami & Prof. Hassan Sarikhani.

**Advisor:** Prof. Abdol-Karim Chehregani Rad.

**GPA:** 17.13 / 20

**M.S., pomology** 10/2014 – 09/2016 | Rasht, Iran

Guilan University

**Project:** Due to increased water shortage, the combined effect of regulated deficit irrigation (RDI) and superabsorbent on the quality and yield of Japanese plum (*Prunus salicina* cv. Santarosa) fruit (both at the harvest time and after one month of storage) was studied.

**Thesis grade:** 19.42 / 20

**Supervisor:** Prof. Reza Fotouhi Ghazvini

**Advisor:** Prof. Mahmoud Ghasemnezhad & Dr. Mohamad Reza Khaledian.

**GPA:** 16.68 / 20

**B.S., Horticultural Science** 10/2010 – 07/2014 | Kurdistan, Iran

University of Kordestan.

**Project:** Effect of silver nitrate on the postharvest quality of the Gerbera flower.

**Supervisor:** Mahmoud Koshesh Saba

**GPA:** 14.88/20

## Publications

**Response of some vegetative and physiological traits of** 2022

**Iranian and foreign grape cultivars to drought stress, *Journal***

*of Plant Process and Function, Iranin Society Of Plant Physiology*

11 (51), 153-174. <http://jispp.iut.ac.ir/article-1-1661-fa.html>

<p><b>Effect of drought stress on some morphological characteristics of twenty Iranian and foreign grape cultivars,</b>  <i>12th Iranian Horticultural Sciences Congress.</i>  Pp, 436-444</p>	2021
<p><b>Effects of super absorbent and regulated deficit irrigation (RDI) condition on the storage quality of Japanese plum (Prunus salicina cv. Santarosa),</b>  <i>Iranian Journal of Horticultural Science</i>  50(2), 255-263. <a href="https://doi.org/10.22059/ijhs.2017.224023.1155">https://doi.org/10.22059/ijhs.2017.224023.1155</a>.</p>	2019
<p><b>Effect both of regulated deficit irrigation and superabsorbance on enhancement of shelf life quality of 'Japanese plum '(Prunus salicina cv. Santarosa),</b> <i>Third Conference on New Findings in Environment and Agricultural Ecosystems, Tehran, Iran</i></p>	2016
<p><b>Effects of Both Regulated Deficit Irrigation and Super Absorbent on the Vegetative Growth, Yield and Fruit Quality of Japanese Plum' Santarosa',</b>  <i>Iranian Journal of Horticultural Science and Technology</i>  17 (3), 369-378.</p>	2016
<p><b>Improving the tolerance of grapevine (Vitis vinifera L.) by applying exogenous NAA under drought stress,</b>  <i>Plant physiology and biochemistry</i>  Under review</p>	2023
<p><b>The response of some physiological, biochemical and anatomical characteristics of twenty commercial grape varieties to drought stress,</b> <i>VITIS: Journal of Grapevine Research</i>  Under review</p>	2023
<p><b>Effect of naphthalene acetic acid on some morphological, physiological and anatomical characteristics of grapes under drought stress</b>  In preparation</p>	2023

## **Professional Experience**

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2020 – present

- Design and supervision of greenhouse units.
- Paper reviewer (Scientia Horticulture)
- A guide for masters' students in doing and writing their thesis

**Lecturer, Bu-Ali Sina, University**

2021 – 2022 | Hamedan, Iran

- General horticulture
- Postharvest physiology
- Small fruits

## Languages

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### English

Good

### Kurdish

Native, First language



### Persian

Proficient



## Skills

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**Special skills** (Viticulture, Vitis vinifera, Plum, Strawberry, Plant physiology, Abiotic Stress, Drought stress, Regulated Deficit Irrigation, Fruit Quality, Post-harvest, Plant growth regulators, Physiological and biochemical traits measurement (Spectrophotometer), Tissue culture, Statistical software (SAS, SPSS, Minitab)),

**Behavioral skills** (Self-starter, Quick learner, Self-improvement),

**Interpersonal skills** (I enjoy collaborating with scientists from different disciplines to develop new skills and solve new challenges. I actively listen to everyone's viewpoints and stimulate interest and discussion.),

**Adaptability** (I am able to work well in a group setting with people from diverse origins and cultures or independently),

**Passionate** (I greatly enjoy carrying out fundamental research with potential practical applications.),

**Creativity** (Decision Making and Problem Solving Prioritization and Organization)

## References

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**Reza Fotouhi Ghazvini**, *Professor of physiology of fruit trees*, Guilan University, Rasht, Iran  
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**Hassan Sarikhani**, *Professor of breeding and physiology of fruit trees*, Bu-Ali Sina University, Hamedan, Iran  
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**Mansour Gholami**, *Professor of breeding and physiology of fruit trees*, Bu-Ali Sina University, Hamedan, Iran.  
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**Abdolkarim Chehregani Rad**, *Professor of developmental cell biology*, Bu-Ali Sina University, Hamedan, Iran.  
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**Mahmoud Ghasemnezhad**, *Professor of plant physiology*, Guilan University, Rasht, Iran.  
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**Mohamad Reza Khaledian**, *Associate Professor, Water Engineering*, Guilan University, Rasht, Iran.  
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