PERSONAL INFORMATION:

Full Name: MAHDI ALIZADEH

Nationality: Iranian

Academic Level: Associate Professor

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Research gate link	https://www.researchgate.net/profile/Mahdi_Alizadeh/amp

EDUCATION:

Degree/Certificate	Session	Institute	Country
Ph.D. (Horticulture- Pomology)	2007	IARI, New Delhi	India
M.Sc. (Horticulture- Pomology)	2002	Shiraz University	Iran
BS (Plant Production Technology)	1998	University of Shahrekord	Iran
AS (Plant Production Technology)	1998	University of Shahid Bahonar	Iran
High School Diploma	1993	-	Iran

- **MSc thesis title:** Foliar application of urea combined with 6-benzyl adenine to decrease pistachio flower bud abscission and regulation of alternate bearing.
- **PhD thesis title:** Micropropagation and *in vitro* screening of some grape (*Vitis vinifera* L.) rootstock genotypes for salt tolerance.

RESEARCH INTEREST:

Physiology and genetic improvement of fruit crops, Biodiversity and wild germplasms, Standardization of propagation methods and micropropgation techniques in horticultural crops

PUBLICATION:

Papers in scientific journals:

1. **Alizadeh M.** And M. Rahemi (2003). Foliar application of urea combined with 6-benzyl adenine to decrease pistachio flower bud abscission. Iranian J Agri. Sci. 43(3):659-665 (In Persian).

2. **Alizadeh M.** And S.K.Singh. (2008). Inter Simple Sequence Repeat Analysis to Confirm Genetic Stability of Micropropagated Plantlets in Three Grape (*Vitis* spp) Rootstock Genotypes. J Plant Biochem. & Biotech. 17(1):77-80.

3. **Alizadeh M.** and S. K. Singh. (2009). Molecular assessment of clonal fidelity in micropropagated grape (*Vitis* spp.) rootstock genotypes using RAPD and ISSR markers. Iranian J. of Biotech. 7(1): 37-44.

4. **Alizadeh M.**, S. K. Singh and V. B. Patel. (2010). Comparative performance of *in vitro* multiplication in four grape (*Vitis* spp.) rootstock genotypes. International J. of Plant Production. 4(1): 57-66.

5. **Alizadeh M**., S.K. Singh, V.B. Patel, R.C. Bhattacharya and B.P. Yadav (2010). *In vitro* responses of grape rootstocks to Nacl levels. Biologia Plantarum, 54(2): 381-385.

6. Eftekhari M., **Alizadeh M**., Mashayekhi K., Kamkar B. and H. Asghari. (2010). Integration of Arbuscular mycorrhizal fungi to grape cuttings in nursery stage. Advanced Laboratory Research in Biological Sciences 1(2):101-113.

7. Eftekhari, M., Kamkar, B. and **M. Alizadeh** .(2011). Prediction of leaf area in some Iranian table grape (*Vitis vinifera* L.) cuttings by a non-destructive and simple method. Science Research Reporter, 1(3):115 – 121.

8. Hosseini S.S. Mashayekhi K., **Alizadeh M.** and P. Ebrahimi.(2011). Effect of Salicylic Acid on Somatic Embryogenesis and Chlorogenic Acid Levels of Carrot (*Daucus carota cv*.Nantes) Explants. Journal of Ornamental and Horticultural Plants, 1(2): 105-113.

1. Eftekhari M., **Alizadeh M.,** Ebrahimi P. (2012). Evaluation of the total phenolics and quercetin content of foliage in mycorrhizal grape (*Vitis vinifera* L.) varieties and effect of postharvest drying on quercetin yield. Industrial Crops and Products, 38:160-165.

2. Seifi E., YS Teymoor, **M Alizadeh**, H Fereydooni (2014). Olive mycorrhization: Influences of genotype, mycorrhiza, and growing periods Scientia Horticulturae 180, 214-219.

3. Krishna, **M Alizadeh**, D Singh, U Singh, N Chauhan, M Eftekhari (2016) Somaclonal variations and their applications in horticultural crops improvement H, 3 Biotech 6 (1), 54

4. Keramatlou I, M Sharifani, H Sabouri, **M Alizadeh**, B Kamkar (2015). A simple linear model for leaf area estimation in Persian walnut (*Juglans regia* L.) Scientia Horticulturae 184, 36-39

5. Pouri N, E Seifi, **M Alizadeh** (2018). The Effect of Proline and Salt Stress on Growth Characteristics of Three Olive Cultivars at Three Different Stages of the Growing Season Journal of Chemical Health Risks 9 (2), 133-147

6. Zarei H, **M Alizadeh**, M Babarabie (2018). Evaluation of Rooting of Stem Cuttings of Magnolia soulangeana Under Influence of Time and IBA Treatment, Journal of Chemical Health Risks 7 (4)

7. **Alizadeh M**, T Yonesabadi, E Seifi, M Sadeghi (2018). Evaluation of combined application of auxin and some chemical compounds to induce root in olive cuttings. Journal of Plant Production Research 25 (3), 41-54.

8. Movahedi A, M Ahmadi Golsepidi, M Ghorbanli, **M Alizadeh**, K Ghasemi.(2019).The impact of Thiourea on Tea (Camellia sinensis) callus proliferation and secondary metabolites content. Journal of Plant Molecular Breeding 7 (1), 37-44

9. Dev R, SK Singh, R Singh, AK Singh, VB Patel, **M Alizadeh**, K Motha (2021). Assessment of genetic diversity of grape mutants based on RAPD and SSR markers. Indian Journal of Horticulture 78 (1), 17-24

10. Talebi S, **M Alizadeh**, A Ghasemnezhad, SS Ramezanpour. (2022). Characterization of some wild Berberis sp. genotypes distributed in northeast of Iran. Journal of Plant Physiology and Breeding

11. Basiri Y, N Etemadi, **M Alizadeh**, J Alizargar (2022). In Vitro Culture of *Eremurus spectabilis* (Liliaceae), a Rare Ornamental and Medicinal Plant, through Root Explants. Horticulturae 8 (3), 202-214.

12. Basiri Y, N Etemadi, **M Alizadeh**, A Nikbakht, G Saeidi. (2022).Vase life consequences of natural and chemical treatments in foxtail lily (*Eremurus spectabilis*), as a specialty cut flowers. Ornamental Horticulture 28, 120-129.

13. Al-Aslan, A, **M Alizadeh**, E Seifi, M Jafari, S Atashi (2023). Evaluation of the qualitative and quantitative traits of some Iranian local pomegranates as compared to "Wonderful" commercial cultivar. Journal of Horticulture and Postharvest Research, 115-130

14. Azizi F, M Sharifani, **M Alizadeh**, MR Vazifehshenas, S Atashi. (2023). Investigation of diversity in physico-chemical properties and morphological traits of wild and cultivated samples of Iranian pomegranate. Research in Pomology 7 (2)

15. Continued…

National and international Conferences:

16. **Alizadeh, M.**, Singh, S.K., Eftekhari, M. (2009). The usefulness of arbuscular mycorrhizal fungi (AMF) to minimize mortality of micropropagated grape rootstock genotypes during hardening and greenhouse transfer. The 1st National Congress of Sustainable Agriculture, Shiraz Azad University, 9-10 March 2009, Shiraz, Iran.

17. Eftekhari, M., **Alizadeh, M.**, Mashayekhi, K., Kamkar, B., Asghari, H. (2010). Evaluation of biochemical changes in grape cuttings following inoculation with mycorrhizal fungi, 1st National Congress on Sustainable Agriculture and healthy products, Isfahan Agricultural Research Center, Isfahan, Iran.

18. Eftekhari, M., **Alizadeh, M.**, Mashayekhi, K., Kamkar, B., Asghari, H. (2010). Changes in growth parameters of grape cuttings following inoculation with mycorrhizal fungi, 1st National Congress on Sustainable Agriculture and healthy products, Isfahan Agricultural Research Center, Isfahan, Iran.

19. Atashi, S., Mashayekhi, K., **Alizadeh, M.**, Kamkar, B., (2010). Effect of foliar application of Boron on qualitative and quantitative traits of strawberry Cv. Comarosa, 1st National Congress on Sustainable Agriculture and healthy products, Isfahan Agricultural Research Center, Isfahan, Iran.

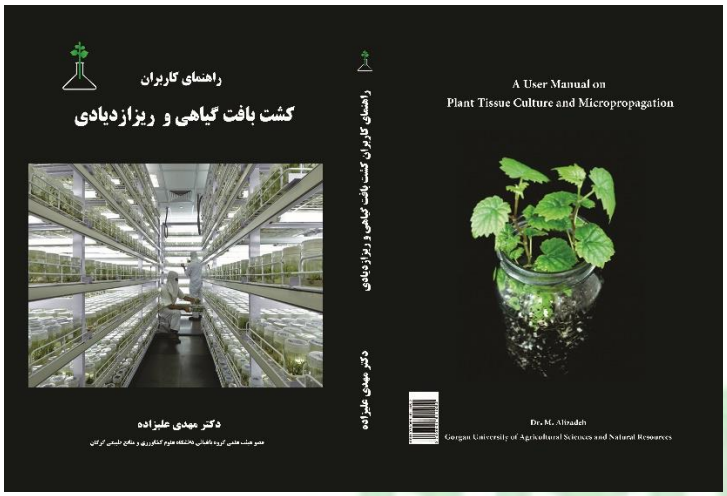
20. Atashi, S., Mashayekhi, K., **Alizadeh, M.**, Kamkar, B., (2010). Effect of foliar application of Boron on biochemical parameters of strawberry (Cv. Comarosa) fruits, 1st National Congress on Sustainable Agriculture and healthy products, Isfahan Agricultural Research Center, Isfahan, Iran.

21. Nazari, Z., Hemmati, K., **Alizadeh, M.**, Rabiei, V., Khazaei Pool, Y. (2010). Evaluation of fruit firmness and calcium content of kiwi fruits following spraying with CaCl2., 1st National Congress on Sustainable Agriculture and healthy products, Isfahan Agricultural Research Center, Isfahan, Iran.

22. Eftekhari M., **Alizadeh M.**, Mashayekhi, K. (2011). The effect of explant source (vineyard and greenhouse) on *in vitro* culture establishment of four grape varieties. The 7th National Biotechnology Conference, I.R.Iran, 12-14 Sept. 2011, Tehran.

23. Continued…….

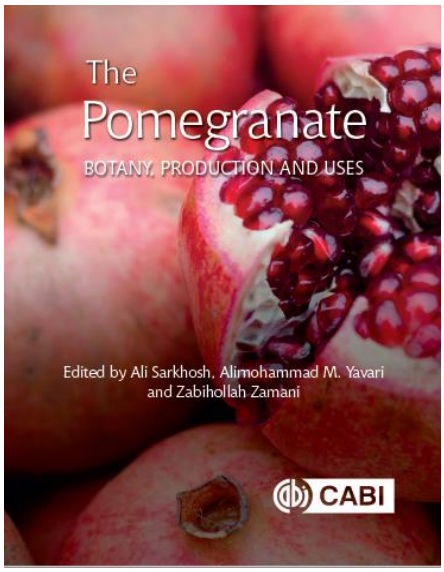
Book and book chapter:



Alizadeh, M. (2012). *A User Manual on Plant Tissue Culture and Micropropagation*. Noroozi Publication, Golestan, Iran, 322 P. (In Persian, including 12 full colored pages).

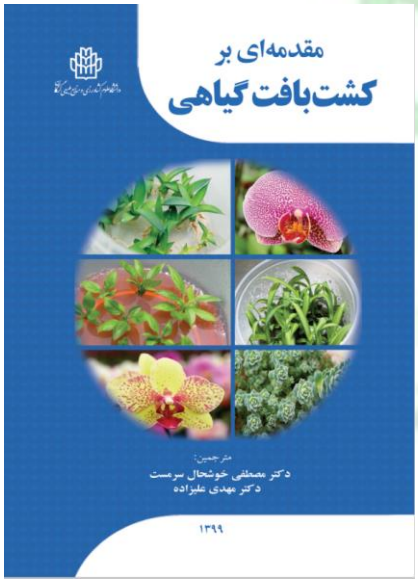
Fabbri et al. (2004). *Olive Propagation Manual*., CSIRO Publishing. Italy

Translated in to Persian language by: **M. Alizadeh** (2013)



Book chapter in:
The pomegranate (Botany, production and uses), (2020). CABI publication.

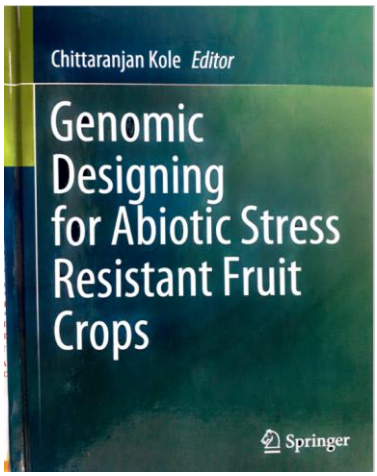
Contribution in Chapter 14.
Fruit maturity, harvest methods and technologies
.



Bhojwani S.S., Dantu, P. K. (2020). Plant tissue culture: An introductory text. India.

Translated into persian language by: M. K. Sarmast, M. Alizadeh (2021). Published by Gorgan University of Agricultural Sciences & Natural Resources (GUASNR), 547. P. Iran.

M. Alizadeh. (2021). An introduction to wild and feral fruits of golestan province, Published by Gorgan University of Agricultural Sciences & Natural Resources (GUASNR), Iran. 580 p. (In Persian)



Kole, C. (2022). Genomic designing for abiotic stress resistant fruit crops. Springer Nature, Switzerland.

Contribution in Chapter 4:
Development of abiotic stress resistant grapevine varieties.

ACADEMIC TEACHING EXPERIENCE:

- Three years' experience as a **Lecturer in Horticulture** at Jiroft Faculty of Agriculture, Shahid-Bahonar Kerman University, Iran.
- Fifteen years' experience as a **Lecturer** for BS, MSc and PhD students, Gorgan University of Agricultural Sciences & Natural Resources (GUASNR), Iran.
- Handeling a **Plant Tissue Culture Workshop** (Theory and Practical) as a course instructor, Kordkoy Fani-Herfei Institute, Iran (Feb., 2011).
- Handeling a **Plant Tissue Culture Workshop** (Theory and Practical) as a course instructor, 1st National congress on Organic Production of Medicinal Plants, Gorgan University of Agricultural Sciences & Natural Resources, Iran (October, 2015).
- Handeling a **Grapvine pruning Workshop** (Theory and Practical) as a course instructor, Jihad Agriculture Institute, Golestan Province, Iran (November, 2015).

SERVICE AND PEROFESSIONAL MEMBERSHIP:

- **Deputy to the Dean**, Faculty of Plant Production, Gorgan University of Agricultural Sciences & Natural Resources (GUASNR), Iran (2010-2013).
- **Head, Department of Horticulture**, Faculty of Plant Production, Gorgan University of Agricultural Sciences & Natural Resources (GUASNR), Iran (2020-2023).
- **Member of Iranian Society for Horticultural Sciences**, Since 2000.

- **Member of the University Publishing Council**, Gorgan University of Agricultural Sciences & Natural Resources, 2019 to 2023.

- **Member of the University specialized commission**, Gorgan University of Agricultural Sciences & Natural Resources, 2020 to 2023.

AWARDS:

- Outstanding Researcher in **book translation** (Olive Propagation Manual), Gorgan University of Agricultural Sciences & Natural Resources, Research Week, 2013.

- **Distinguished lecturer**, Gorgan University of Agricultural Sciences & Natural Resources, teacher's day, 2013.

- Outstanding Researcher in **book translation** (Plant tissue culture: an introductory text), Gorgan University of Agricultural Sciences & Natural Resources, Research Week, 2021.

- Outstanding Researcher in **authoring book** (Wild and feral fruits of Golestan province), Gorgan University of Agricultural Sciences & Natural Resources, Research Week, 2022.

LANGUAGES:

Persian language (Native); English language (academic language)

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(Last update, March 2023)