



PERSONAL INFORMATION:

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Nationality: Iranian
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EDUCATION:

Certificate Degree	Field of Specialization	Name of Institution Attended	Date Received
Ph.D.	Horticultural Science	University of Tehran, Iran.	2015
M.SC.	Horticultural Science	University of Agricultural Sciences & Natural Resources, Gorgan, Iran.	2009
Title of M.SC Thesis: The investigation of Strawberry and Carrot petiole explants behavior has been excised <i>in vitro</i>			
Title of PhD Thesis: Evaluation of morphological, molecular and cytological diversity of some native <i>Asparagus</i> species in Iran and it's <i>in vitro</i> propagation			
Visiting scholar: Genetic department. University of Cordoba (Spain). October 2014–April 2015 and June 2017–September 2017			

RESEARCH INTEREST:

Asparagus breeding
Tomato breeding
Tissue culture
Physiological studies in vegetable crops

PUBLICATION:

1. **Mousavizadeh, S.J.**, Gil, J., Moreno, R. Mashayekhi, K. 2022. Asparagus ploidy distribution related to climates adaptation in Iran. *Environ Dev Sustain* 24, 5582–5593. <https://doi.org/10.1007/s10668-021-01672-x>
2. Z Kiani, K Mashayekhi, **SJ Mousavizadeh**, K Zaynali. 2022. Changes in carbohydrate and phytochemical content in the bulbs and leaves of ten onion accessions between two developmental stages. *Italus Hortus* 29 (2), 47-55
3. ME Ranjbar, Z Ghahremani, **SJ Mousavizadeh**, T Barzegar, J Gil, and R. Moreno. 2022. New hybrids between cultivated and wild species of asparagus (*Asparagus* spp.) and their validation by SSR markers. *European Journal of Horticultural Science* 84 (4), 1-10
4. Mashayekhi, K. Z. Kiani, **Seyyed Javad Mousavizadeh**, & K. Zeinalinezhad. 2022. Optimizing sowing date for short- and long-day onion. *International journal of vegetable science*, 28, 132-143. doi: 10.1080/19315260.2021.1909686
5. **Mousavizadeh, S.J.**, Gil, J., Moreno, R., and Mashayekhi, K. 2021. Asparagus ploidy distribution related to climates adaptation in Iran. *Environment, Development and Sustainability*. <https://doi.org/10.1007/s10668-021-01672-x>.
6. **Seyyed Javad Mousavizadeh**, Juan Gil, Patricia Castro, Mohammad Reza Hassandokht, Roberto Moreno. 2021. Genetic diversity and phylogenetic analysis in Asian and European Asparagus subgenus species. *Genetic Resources and Crop Evolution*. <https://doi.org/10.1007/s10722-021-01262-w>.
7. **Mousavizadeh, S.J.**, Hassandokht, M.R. and Kashi, A. 2021. Karyotype analysis in diploid and polyploid species of Iranian wild asparagus. *Acta Hort.* 1315, 149-152. DOI: 10.17660/ActaHortic.2021.1315.22
8. Naeimeh Sousaraei, Benjamin Torabi, Kambiz Mashaieki, Elias Soltani, **Seyyed Javad Mousavizadeh**. 2021. Variation of seed germination response to temperature in tomato landraces: An adaptation strategy to environmental conditions, *Scientia Horticulturae*. 281. 109987.
9. Sousaraei, N., Mashayekhi, K., **Mousavizadeh, S.J.**, Akbarpour, V., Medina, J., and S. Aliniaiefard. 2021a. Screening of tomato landraces for drought tolerance based on growth and chlorophyll fluorescence analyses. *Horticulture, Environment and Biotechnology*. <https://doi.org/10.1007/s 13580-020-00328-5>
10. Kambiz Mashayekhi, Zahra Kiani, **Seyyed Javad Mousavizadeh**, Khalil Zeinalinezhad. 2021. Optimizing sowing date for short-and long-day onion. *International Journal of Vegetable Science*. 1-12
11. **Mousavizadeh, S.J.**, Hassandokht, M.R., Gil, J., Millan, T. and Moreno, R. 2018. Assessment of genetic diversity in Iranian Asparagus spp. related to garden asparagus. *Acta Hort.* 1223, 39-44. DOI: 10.17660/ActaHortic.2018.1223.6
12. **Seyyed Javad Mousavizadeh**, Kambiz Mashayekhi, Mohammad Reza Hassandokht. 2017. Indirect somatic embryogenesis on rare octoploid *Asparagus breslerianus* plants. *Scientia Horticulturae*. 226:184-190. (IF: 1.624)
13. **Seyyed Javad Mousavizadeh**, Mohammad Reza Hassandokht. Abdolkarim Kashi. 2017. *In vitro* response of *Asparagus breslerianus* to NaCl. *Journal of Medicinal Plants and By-products*. 2: 153-163.

14. Kambiz Mashayekhi, Saeed Jafari, Aida Shomali and **Seyyed Javad Mousavizadeh**. 2017. Applying calcium carbide solution affect sex expression and increases yield of monoicous cucumber. *Journal of Plant Physiology and Breeding*. 7 (1): 99-104.
15. Esmail Babakhanzadeh Sajirani, **Seyyed Javad Mousavizadeh**, Khadegheh Mozafari. 2017. Phytochemical and antioxidant activity of *Elaeagnus angustifolia* fruits in some regions of Shahrood. *Eco-phytochemical Journal of Medicinal Plants*. 16. 4: 62-73.
16. **Seyyed Javad Mousavizadeh**, Mohammad Reza Hassandokht, Abdolkarim Kashi, Juan Gil, Adoracion Cabrera, Roberto Moreno. 2016. Physical mapping of 5S and 45S rDNA genes and ploidy levels of Iranian *Asparagus* species. *Scientia Horticulturae*. 211. 4:269-276. (IF: 1.54)
17. **Seyyed Javad Mousavizadeh**, Mohammad Reza Hassandokht. Abdolkarim Kashi. 2015. Multivariate analysis of edible *Asparagus* species in Iran by morphological characters. *Euphytica*. 206:445-457.
18. Kambiz Mashayekhi, Siamak Mohammadi Chiane, Manizheh Mianabadi, Farshid Ghaderifar and **Seyyed Javad Mousavizadeh**. 2015. Change in carbohydrate and enzymes from harvest to sprouting in garlic. doi: 10.1002/fsn3.299.
19. Roghayeh Javanpour; Reza Salehi Mohammadi; Meysam Nejadsahebi; **Seyyed Javad Mousavizadeh**. 2015. Evaluation of quality and quantity of three accessions of grafted and non-grafted of Iranian melon. *Iranian Journal of Horticultural Science*. 46. 1:169-178.
20. Kambiz Mashayekh, Aida Shomali and **Seyyed Javad Mousavizadeh**. 2015. Acetylene Resembling Effect of Ethylene on Seed Germination: Evaluating the Effect of Acetylene Released from Calcium Carbide. *Notulae Scientia Biologicae*. 7 (3):334-337.
21. **Seyyed Javad Mousavizadeh**, Shahram Sedaghat hoor, Abdolrahman Rahimi, Hayede Mohammadi. 2013. Germination parameters and peroxidase activity of Lettuce seed under stationary magnetic field. *International Journal of Biosciences*. 3. 4:199-207. (IF: 0.076)
22. Abdol Rahman Rahimi, **Seyyed Javad Mousavizadeh**, Haydeh Mohammadi, Asad Rokhzadi and Mohammad Majidi. 2013. Allelopathic effect of some essential oils on seed germination of *Lathyrus annus* and *vica villosa*. *Journal of Biodiversity and Environmental Sciences*. 3. 4:67-73.
23. **Seyyed Javad Mousavizadeh**, Shahram Sedaghat hoor, Hasan Khorami. 2011. Essential oils as reducing agents of cabbage peroxidase. *Scientia Horticulturae*. 128. 4:388-492.
24. **Seyyed Javad Mousavizadeh**, Shahram Sedaghat hoor. 2011. Peroxidase activity in response to applying natural antioxidant of essential oils in some leafy vegetables. *Australian Journal of Crop Science*. 5. 4:494-499.
25. Azim Ghasem nezhad, **Seyyed Javad Mousavizadeh**, Kambiz Mashayekhi. 2011. A study on evening-primrose (*Oenothera biennis* L.) callus regeneration and somatic embryogenesis. *Iranian Journal of Biotechnology*. 9. 1:31-36. (IF: 0.043)
26. **Seyyed Javad Mousavizadeh**, Shahram Sedaghat hoor. 2011. Apple and quince peroxidase activity in response to applying essential oils. *African Journal of Biotechnology*. 10. 57:12319-12325.

27. **Seyyed Javad Mousavizadeh**, Kambiz Mashayekhi. 2011. Histological Changes of Carrot (*Daucus carota* L.) Petiole Somatic Embryogenesis in some Media. Journal of Horticultural Sciences. Vol. 25. 1:94-100.
28. **Seyyed Javad Mousavizadeh**, Kambiz Mashayekhi, Amir Daraei, Abdollah Ehteshamnia, Saeed Mehdi Jafari. 2010. Evaluation of some physical properties of cucumber (*Cucumis sativus* L.). Journal of Agricultural Science and Technology. Vol 4. No. 4:107-114.
29. **Seyyed Javad Mousavizadeh**, Kambiz Mashayekhi, Hemmati, KH., Kamkar, B. 2010. Evaluation of media elements and materials on petiole somatic embryogenesis of Carrot (*Daucus carota* L.). J. of Plant Production. Vol. 17. 1: 1-21.
30. **Seyyed Javad Mousavizadeh**, Kambiz Mashayekhi, Vahid, Akbarpoor., Hamid Reza, Kallati., Yousef, Ghasemi. 2010. Effect of IAA and 2,4-D on somatic embryogenesis and pigments synthesis of carrot root secondary phloem. Australian Journal of Agricultural Engineering. Vol 1. No. 4:126-131.
31. Azim Ghasem nezhad, **Seyyed Javad Mousavizadeh**, Kambiz Mashayekhi. 2011. A study on evening-primrose (*Oenothera biennis* L.) callus regeneration and somatic embryogenesis. Iranian Journal of Biotechnology. Vol. 9, No. 1: 31-36.
32. **Seyyed Javad Mousavizadeh**, Kambiz Mashayekhi, Abdollah Ehteshamnia, Abdol Rahman Rahimi. 2009. Determination sum of temperature in phenology stages of three cultivars of cucumber (*Cucumis sativus* L.). EJANG, Vol.2.2:125-136.
33. Kambiz Mashayekhi., **Seyyed Javad Mousavizadeh**. 2009. The investigation of leaf number, leaf area and plants dry weight in three cucumber cultivars (*Cucumis sativus* L.) Journal of Horticultural Sciences. Vol. 23. 1:57-68.
34. Alikhani, M., Sharifani M., Azizi, M., Hemmati, KH., **Mousavizadeh, S.J.**, Rahimi, M. 2009. Increasing shelf life and maintaining quality of strawberry (*Fragaria ananassa* L.) with application of mucilage edible coating and plant essential oil. J. Agric. Sci. Natur. Resour. Vol. 16. 2:1-10.
35. Alikhani, M., Sharifani M., **Mousavizadeh, S.J.**, Azizi, M. 2009. The antioxidative activity of some essential oils in reducing peroxidase activity and enzymatic browning in some vegetables. J. Agric. Sci. Natur. Resour. Vol. 16. 2:203-207.
36. Alikhani, M., Sharifani M., Azizi, M., Hemmati, Kh., **Mousavizadeh, S.J.** 2009. The effect of some natural compounds in shelf-life and quality of Pear fruit (Esfahan Shah mive cultivar). J. Agric. Sci. Natur. Resour. Vol. 16.3:158-171.
37. Ehteshamnia, A., A., Sharifani, M., Vahdati, K., Erfani, V., **Mousavizadeh, S.J.**, Mohsenipoor., S. 2009. Investigation of morphological diversity among native populations of walnut (*Juglans regia*) in Golestan province of Iran. J. of Plant Production. Vol. 16. 3:29-48.

ACADEMIC TEACHING EXPERIENCE:

<i>Title of Course</i>	<i>Level</i>	<i>Dates</i>	<i>Name of Institution</i>
Cucurbits plants breeding Plant intercropping New topics in olericulture	Ph.D.	2017 to now	Gorgan University of Agricultural Sciences & Natural Resources
Physiology of vegetable crops Plant growth regulators Vegetable plants breeding	M.Sc.	2016 to now	Gorgan University of Agricultural Sciences & Natural Resources
Horticulture plants breeding Fundamental of vegetable production Botany 1 Principles of horticulture	B.S.	2015 to now	Gorgan University of Agricultural Sciences & Natural Resources
Ornamental trees and shrubs Medicinal plants Plants breeding Plant tissue culture	B.S.	2010 -2013	University of Applied Science and Technology, Rasht, Guilan, Iran.

SERVICE AND PROFESSIONAL MEMBERSHIP:

Member of Iranian Society for Horticultural Sciences, Since 2000.

Head, Department of Horticulture, Faculty of Plant Production, Gorgan University of Agricultural Sciences & Natural Resources (GUASNR), Iran (2020-2023).

AWARDS:

- **Top researcher** of plant production faculty, Gorgan University of Agricultural Sciences and Natural Resources, 2019.
- **Top entrepreneur**, Gorgan University of Agricultural Sciences & Natural Resources, Research Week, 2019.

LANGUAGES:

Persian language (Native)

English language (academic language)