



PERSONAL INFORMATION:

Full Name: Esmail Seifi

Nationality: Iran

Academic Level: Associate professor

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EDUCATION:

- B.Sc.: Tabriz University, Iran
- M.Sc.: Tarbiat Madarres University, Iran
- Ph.D.: Adelaide University, Australia

RESEARCH INTEREST:

- Flowering and fruit set
- Pollen self-incompatibility
- Evaluation of subtropical fruit trees in different climatic conditions
- Plant genetic variation
- Abiotic stresses in fruit trees

PUBLICATION:

Seifi, E., Guerin, J., Kaiser, B., & Sedgley, M. (2007). Analysis of gene expression in olive pistils during flowering: The use of subtractive hybridization to identify genes involved in olive self incompatibility. ComBio2007 Combined Conference, Sydney, Australia.

· Seifi, E., Guerin, J., Kaiser, B., & Sedgley, M. (2008). Inflorescence architecture of olive. *Scientia Horticulturae*, 116(3), 273-279. Seifi, E., Guerin, J., Kaiser, B., and Sedgley, M. 2011. Sexual compatibility and floral biology of some olive cultivars. *New Zealand Journal of Crop and Horticultural Science* 39 (2): 141-151.

· Seifi, E., Guerin, J., Kaiser, B., & Sedgley, M. (2012). Sexual compatibility of the olive cultivar 'Kalamata' assessed by paternity analysis. *Spanish Journal of Agricultural Research*, 10(3), 731-740. · Hosseinpour, A., Seifi, E., Javadi, D., Ramezanzpour, S. S., & Molnar, T. J. (2013). Nut and kernel characteristics of twelve hazelnut cultivars grown in Iran. *Scientia Horticulturae*, 150, 410-413. · Hosseinpour, A., Seifi, E., & Molnar, T. J. (2013). Position and density of pistillate inflorescences of some hazelnut cultivars grown in Iran. *Journal of Agricultural Science*, 5(6), 125.

- Sadeghian, F., Seifi, E., Dadar, A., Alizadeh, M., & Sharifani, M. (2014). The impact of vegetable oil spray on berry thinning and quality in grapevine cv.'Keshmeshi'. *Ecol Environ Conserv*, 20, 739- 743.
- Jalali, A., Seifi, E., Alizade, M., & Fereidooni, H. (2014). The study of morphological diversity among some olive genotypes in Northern Iran. *Asian J. Microbiol. Biotechnol. Environ. Sci*, 16(4), 1007- 1013.
- Seifi, E., Teymoor, Y. S., Alizadeh, M., & Fereydooni, H. (2014). Olive mycorrhization: Influences of genotype, mycorrhiza, and growing periods. *Scientia Horticulturae*, 180, 214-219.
- Saei, H., Sharifani, M. M., Dehghani, A., Seifi, E., & Akbarpour, V. (2014). Description of biomechanical forces and physiological parameters of fruit cracking in pomegranate. *Scientia Horticulturae*, 178, 224-230.
- Seifi, E., Guerin, J., Kaiser, B., & Sedgley, M. (2015). Flowering and fruit set in olive: A review. *Journal of Plant Physiology*, 5(2), 1263-1272.
- Hosseinpour, A., Seifi, E., Javadi, D., & Ramezanzpour, S. S. (2015). A preliminary study on pollen compatibility of some hazelnut cultivars in Iran. *A preliminary study on pollen compatibility of some hazelnut cultivars in Iran*, 13-16.
- Shamloo, M. M., Sharifani, M., Daraei Garmakhany, A., & Seifi, E. (2015). Alternation of secondary metabolites and quality attributes in Valencia Orange fruit (*Citrus sinensis*) as influenced by storage period and edible covers. *Journal of Food Science and Technology*, 52(4), 1936-1947.
- Seifi, E. (2015). The Study of Pollen-incompatibility Relationships in Olive Cultivar Koroneiki and the Effect of Flower Emasculation on the Results. *Journal of Plant Production Research*, 21(4), 149-163.
- Yavarpanah, Z., Alizadeh, M., & Seifi, E. (2015). Effects of foliar and root applications of hydro alcoholic solutions on physiological and biochemical attributes and fruit yield and weight of strawberry. *Journal of Plant Physiology and Breeding*, 5(1), 47-54.
- Nasrabady, M., Seifi, E. S. M. A. E. I. L., Ramezanzpour, S., & Sharifani, M. E. H. D. I. (2015). Identification of the self-incompatibility alleles in some Iranian apple cultivars (*Malus domestica*) using PCR. *Journal of Plant Productions*, 38(2), 111-120.
- Sadeghian, F., Seifi, E., Dadar, A., Alizadeh, M., & Sharifani, M. (2016). The effect of green pruning on the yield and fruit quality of the crawling grape vines cultivar Keshmeshy in the climatic conditions of Shirvan. *Majallah-i'Ulum-i Bāghbānī*.
- Nikdel, K., Seifi, E., Babaie, H., Sharifani, M., & Hemmati, K. (2016). Physicochemical properties and antioxidant activities of five Iranian pomegranate cultivars (*Punica granatum L.*) in the maturation stage. *Acta agriculturae Slovenica*, 107(2), 277-286.

- Bakhtshahi-Dizgahi, Z., Alizadeh, M., Seifi, E., Javadi, D., & Hosseinpour, A. (2018). Effects of cold stratification and chemical treatments on seed germination in four hazelnut cultivars. *Advances in Horticultural Science*, 32(4), 511-516.
- Feyzi, F., Seifi, E., Varasteh, F., Hemmati, K., & Fereydooni, H. (2018). The study of climatic conditions effect on physicochemical properties of pomegranate fruits cultivars Malas-e-Saveh and Malas-e-Yousef-Khani. *Iranian Journal of Horticultural Science*, 48(4), 833-843.
- Bekran, A., Seifi, E., & Varasteh, F. (2018). A study on the effect of nanosilicate-based coatings on storage life of pomegranate cultivar Malas-E-Saveh. *Journal of Food Technology and Nutrition*, 16(1), 49-60.
- Pouri, N., Seifi, E., & Alizadeh, M. (2019). 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.
- Ajani, A., Soleimani, A., Zeinanloo, A. A., & Seifi, E. (2021). The evaluation of physiological and biochemical traits of olive trees cvs. Zard and Direh under heat stress. *Iranian Journal of Horticultural Science*, 51(4), 785-795.
- Ajani, A., Soleimani, A., Zeinanloo, A. A., Seifi, E., & Taheri, M. (2021). Differential display of heat stress tolerance of olive cultivars 'Zard'and 'Direh'based on physiological and biochemical indexes as well as PPO and PAL genes expression pattern. *Journal of Plant Production Research*, 28(1), 65- 79.
- Siedi, A., Seifi, E., & Rasoli, V. (2022). Evaluation of some physiological and biochemical characteristics of several promising grapevine cultivars under low irrigation conditions. *Research in Pomology*, 6(2).
- Salyari, R., Seifi, E., Varasteh, F., & Alizadeh, M. (2022). Effects of pre-harvest salicylic acid treatment on the post-harvest quality of peach cultivar Robin. *Journal of Chemical Health Risks*.

ACADEMIC TEACHING EXPERIENCE:

- Small fruits (B.Sc.)
- Subtropical fruits (B.Sc.)
- Temperate fruits (B.Sc.)
- Physiology of fruit trees (M.Sc.)
- Research methodology (M.Sc.)
- Physiology of flowering (Ph.D.)

LANGUAGES: Farsi / English