

به نام خدا



سوابق علمی دکتر فریال وارسته اکبرپور

استادیار دانشگاه علوم کشاورزی و منابع طبیعی گرگان

مشخصات فردی

- نام: فریال
- نام خانوادگی: وارسته اکبرپور
- آدرس محل کار: گرگان، میدان بسیج، پردیس دانشگاه علوم کشاورزی و منابع طبیعی گرگان، دانشکده تولید گیاهی، گروه مهندسی علوم باغبانی و فضای سبز
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زمینه‌های تحقیقاتی مورد علاقه

- فیزیولوژی پس از برداشت محصولات باغبانی
- فیزیولوژی رشد و نمو میوه‌ها
- ارزیابی کیفیت محصولات باغبانی
- تنوع زیستی درختان میوه

سوابق تحصیلی

- کارشناسی: مهندسی کشاورزی- علوم باغبانی. ۱۳۷۷. دانشگاه فردوسی مشهد
- کارشناسی ارشد: مهندسی کشاورزی- علوم باغبانی. ۱۳۸۵. دانشگاه تربیت مدرس
- عنوان پایان‌نامه کارشناسی ارشد: تغییرات فصلی فیزیوشیمیایی میوه انار رقم ملس ترش ساوه و مطالعه مهمترین خصوصیات میوه برخی از ارقام مهم انار (*Punica granatum* L.) ایران.
- دکتری تخصصی (Ph.D) رشته علوم باغبانی. ۱۳۹۰. دانشگاه تربیت مدرس
- عنوان رساله دکتری: تاثیر دمای نگهداری و تیمار پس از برداشت کیتوزان بر عمر انباری و کیفیت میوه انار (*Punica granatum* L.)

Publications

Journal Papers

- **Varasteh, F.**, Arzani, K., Zamani, Z.A. and Tabatabaei, S.Z.A. 2008. Physicochemical seasonal changes of pomegranate (*Punica granatum* L.) fruit cv. 'Malas-e-Torsh-e-Saveh' in Iran. *Acta Horticulturae*, 769: 255-258.
- Mousavi, S., Arzani, K., Alizadeh, S. and **F. Varasteh**. 2009. Seasonal vegetative and fruit growth patterns of some Asian pear (*Pyrus serotina* Rehd.) cultivars under Tehran climatic, *Iranian Journal of Horticultural Science and Technology*, 10(1): 71-84.
- **Varasteh, F.**, Arzani, K., Zamani, Z.A and Mohseni, A. 2009. Evaluation of the most important fruit characteristics of some commercial pomegranate (*Punica granatum* L.) cultivars of Iran. I International Symposium on Pomegranate and Minor Mediterranean Fruits, *Acta Horticulturae*, 818: 103-108.
- **Varasteh, F.**, Arzani, K. and Z. Zamani. 2009, Investigation of physicochemical seasonal changes of pomegranate (*Punica granatum* L.) fruit cv. 'Malas-e-Torsh-e-Saveh'. *Iranian Journal of Horticultural Science*, 39 (1): 29-38.
- **Varasteh, F.** and Arzani, K. 2009. Classification of some Iranian pomegranate (*Punica granatum* L.) cultivars by pollen morphology using scanning electron microscopy, *Hort. Environ. Biotechnol.* 50: 24-30.
- **Varasteh, F.**, Arzani, K., Barzegar, M. and Zamani, Z. 2012. Changes in anthocyanins in arils of chitosan-coated pomegranate (*Punica granatum* L. cv. Rabbab-e-Neyriz) fruit during cold storage. *Food Chemistry*, 130: 267-272.
- Babarabie, M., Zareie, H. and **Varasteh, F.** 2014. The effect of cola on postharvest physiological characteristics of cut Alstroemeria. *Journal of Ornamental Plants*, 4(3): 169-174.
- Keikha, Z., Seifi, E., Varasteh, F. and Ghasemnejad, A. 2015. Investigating some morphological and phytochemical traits of fruit in different genotypes of *Ficus carica* L. *Ecophytochemistry. Journal of Medicinal Plants*, 3(3): 42-53.
- Keikha, Z., Seifi, E., **Varasteh, F.** and Ghasemnejad, A. 2016. The comparison of morphological and phytochemical characteristics of spring and summer crops in three fig genotypes in Golestan province. *Journal of Iranian Plant Ecophysiological Research*, 10(40): 62-72.
- Babarabie, M., Zarei, H. and **Varasteh, F.** 2016. Potential of increasing the vase life and improvement of some physiological characteristics of Alstromeria cut flowers by using non-harmful compounds environmentally. *Journal of Chemical Health Risks*, 6(1): 1-8.

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- Rahimkhani, R., **Varasteh, F.** and Seifi, E. 2016. Evaluation of genetic diversity in some loquat genotypes based on pomological characteristics in Golestan province. *The Journal of Plant Production Research*, 23(1): 157-177.
- Rahimkhani, R., **Varasteh, F.** and Seifi, E. 2016. Comparison of fruit biochemical and qualitative attributes of loquat genotypes (*Eriobotrya japonica* L.) of Gorgan. *Iranian Journal of Horticultural Science*, 48(2): 413-421.
- Dabbagh, M., Mashyekhi, K., Gherekhlo, J. and Varasteh, F. 2017. Study of the effect of potassium permanganate on the biochemical characteristics of onion (*Allium cepa*). *The Journal of Plant Production Research*, 23(3): 135-149.
- Khosroabadi, H., **Varasteh, F.** and Seifi, E. 2017. Interaction effects of oxalic acid and storage time on some qualitative characteristics of plum fruit cv. Santa Rosa. *Journal of Plant Productions*, 40(2): 15-25.
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- Babarabie, M., Zarei, H. and **Varasteh, F.** 2017. A study on the feasibility of replacing silver nitrate with natural compounds in preservative solution of *Gerbera jamesonii* cut flowers. *Journal of Plant Physiology and Breeding*, 7(1): 75-86.
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- Fathi, M., Zarei, H. and **Varasteh, F.** 2018. Rooting of honeysuckle (*Lonicera japonica* L.) under treatment of natural and chemical compounds. *The Journal of Plant Production Research*, 25(2): 83-97.
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- Kiani Feriz, M., **Varasteh Akbarpour, F.**, Davarinejad, G. 2003. Investigation of the planting depth effects of gladiolus corms. ^{2nd} applied-scientific seminar on flowers and ornamental plants, Mahallat, Iran.
- **Varasteh, F.**, Arzani, K., Zamani, Z. and S.Z. Tabatabaei. 2005. Investigation of Physical and chemical changes during growth and development of pomegranate (*Punica granatum* L.) fruit cv. 'Malas-e-Torsh-e-Saveh'. ^{4th} Iranian Horticultural Science Congress, Mashhad, Iran.
- **Varasteh, F.**, Arzani, K., Zamani, Z. and M.R. Akrami. 2005. The Effect of N, Zn and B spray on the qualitative and quantitative characteristics of pomegranate (*Punica granatum* L.) fruits cv. 'Malas e Torsh e Saveh'. ^{4th} Iranian Horticultural Science Congress, Mashhad, Iran.

- **Varasteh, F.**, Arzani, K. and Z. Zamani. 2007. Determining of correlations between qualitative and quantitative traits of pomegranate fruit. 5th Iranian Horticultural Science Congress, Shiraz, Iran.
- **Varasteh, F.**, Arzani, K., Barzegar, M. and Zamani, Z.A. 2009. Effect of chitosan coating on storage of pomegranate fruit. 6th International Postharvest Symposium, Antalya, Turkey.
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- **Feryal Varasteh**, Kazem Arzani, Mohsen Barzegar, Zabihollah Zamani & Ali Mohseni. 2010. Evaluation of physicochemical changes of pomegranate fruit during storage period. Regional pomegranate symposium, Saveh, Iran.
- Shane R. Olsson, **Feryal Varasteh**, Ringo Feng, Jill Stanley, Yingfei Cao. and Allan B. Woolf. 2011. Efficient assessment of apricot seedlings for fruit storage potential. Horticulture for future, Australia.
- Allan B. Woolf, **Feryal Varasteh**, Reginald Wibisono, Ian Hallett, Mark Wohlers, Shane Olsson, Midori Jones, Paul Sutherland, Jovyn Ng, Graham Fletcher, Roger Harker, Cecilia Requejo-Jackman. 2011. Structural and physicochemical responses of a range of fruit to ultra-high pressure processing. Horticulture for future, Australia.
- Stanley J; Marshall R; Fullerton C; Campbell E; Feng R; Olsson S; Cao Y; **Varasteh F**; Paisley A; White A; Petley M; Woolf A. 2011. Checklists for Improved apricot quality. Summerfruit New Zealand Conference, New Zealand.
- **Varasteh, F.**, Arzani, K., Barzegar, M. and Zamani, Z. 2013. Application of edible coating based on chitosan to extend pomegranate fruit storage life. III International symposium on pomegranate and minor mediterranean climate fruits. 20-24 Sept. 2013, Taian, China.
- **Varasteh, F.** 2016. Influence of packaging on storage life and quality of fresh broccoli florets. VIII International Postharvest Symposium, 21-24 June 2016, Cartagena, Spain.
- **Varasteh, F.**, Chamani, S. 2017. Postharvest treatment with ferulic acid and apricot gum to preserve quantitative and qualitative characteristics of strawberry fruit cv. Camarosa. First International Horticultural Science Conference of Iran (IrHC2017). 4-7 Sept. 2017, Tehran, Iran.
- Reza arab, S., Taheri, F., **Varasteh, F.** 2017. Application of chitosan to control gray mold (*Botrytis cinerea*) and blackmold (*Alternaria alternate*) of strawberry in vitro. First International Horticultural Science Conference of Iran (IrHC2017). 4-7 Sept. 2017, Tehran, Iran.

- **Varasteh, F.** 2018. Advances in pomegranate cultivation in Iran. Green Room Session 2018 International GEA (Geo Eco-Eco Agro) Conference, Book of Abstracts, p. 23, 1-3 November 2020, Podgorica, Montenegro.
- **Varasteh, F.** 2020. Organic pomegranate orchard establishment and management. Green Room Session 2018 GEA (Geo Eco-Eco Agro) International Conference, Book of Abstracts, p. 75, 28-31 May 2020, Podgorica, Montenegro.

Research reports

- **Varasteh, F.** and Zamani, S. 2017. The study of the effect of the packaging on the storability and physicochemical properties of button mushroom (*Agaricus bisporus*).
- **Varasteh, F.,** Ghasemnejad, A. and Zamani, S. 2019. Effect of packaging film, storage temperature and time on qualitative and biochemical characteristics of dried leaves of rosemary (*rosmarinus Officinalis* L.).
- **Varasteh, F.** and Zamani, S. 2019. Effect of Tragacanth gum edible coating, cellophane and storage time on qualitative and biochemical characteristics of broccoli (*brassica Oleracea* L. Var Italica).
- **Varasteh, F.** and Moemen Yasaghi, Z. 2022. Evaluation of physicochemical and biochemical characteristics of Autumn olive fruit (*Elaeagnus umbellate*) at different growth and development stages and during storage.

Book chapter coauthor

- Varasteh, F., Alizadeh, M. and Sarkhosh, A. Fruit maturity, harvest methods and technologies, P. 428-455. In: A. Sarkhosh, A. Yavari and Z. Zamani, (Eds), The pomegranate: botany, production and uses, CAB International, UK.