

CURRICULUM VITAE

Name: Dr. Bahram Baninasab

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Personal information:

- Nationality: Iranian.
- Date of Birth: Jun.18.1964
- Place of Birth: Abadan, Iran.

Education:

- **2001-2005**

Shiraz University, Shiraz, Iran

Degree: Ph. D. in Horticultural Science (Physiology of fruit trees)

Thesis: Alternate bearing in pistachio trees as affected by seasonal changes of carbohydrates, macronutrients, photosynthesis and foliar application of nitrogen

- **1995-1997**

Shiraz University, Shiraz, Iran

Degree: M. Sc. In Horticultural Science

Thesis: Seed dormancy and effect of gibberellic acid on seedling growth in two wild species of pistachio

- **1987-1991**

Shiraz University, Shiraz, Iran

Degree: B. Sc. In Horticultural Science

Professional experience:

- **Since Dec. 2010**

Associate Professor of Horticultural Science, College of Agriculture, Isfahan University of Technology, Isfahan. Iran

- **2005-2010**

Assistant Professor of Horticultural Science, College of Agriculture, Isfahan University of Technology, Isfahan. Iran.

- **1998-2005**

Instructor of Horticultural Science, College of Agriculture, Isfahan University of Technology, Isfahan. Iran.

Courses taught:

- Undergraduate:

Temperate Zone Pomology, Tropical and Subtropical Fruits

- Graduate:

Plant Nutrition in Horticulture, Physiology of Fruit Trees, Advanced Nut Crops, Physiology of Flowering, Physiology of Fruit Tree Rootstocks

Position:

- **Since Nov. 2010**

Vice Dean of Educational Affairs, College of Agriculture, Isfahan University of Technology, Isfahan, Iran

- **2008-2010**

Head of the Department of Horticultural Science, College of Agriculture, Isfahan University of Technology, Isfahan. Iran

Professional Membership:

- International Society for Horticultural Science
- Iranian Horticultural Science Society
- Iranian Society of Plant Physiology
-

Publications:

Papers:

1. Amiri A., **B. Baninasab**, C. Ghobadi and A. H. Khoshgoftarmanesh. 2016. Zinc soil application enhance photosynthetic capacity and antioxidant enzymes activity of almond seedlings affected by salinity stress. *Photosynthetica* 54: 267-274.
2. Dehghani S., C. Ghobadi and **B. Baninasab**. 2016. Effects of potassium silicate and nanosilicon on quantitative and qualitative characteristics of a commercial strawberry (*Fragaria × ananassa* cv. Camarosa). *Journal of Plant Nutrition* 39: 502-507.
3. Olyaei, F., **B. Baninasab**, C. Ghobadi and M. Gholami. 2015. Ion content and its correlation with some physiological parameters in olive cultivars in response to salinity. *Iran Agriculture Research* 32: 178-186.
4. Khoshbakht D., A. A. Ramin and **B. Baninasab**. 2015. Effect of sodium chloride stress on gas exchange, chlorophyll content and nutrient concentrations of nine citrus rootstocks. *Photosynthetica* 53: 241-249.
5. Khoshbakht D., A. Ghopr bani. **B. Baninasab** L. A. Naseri and M. Mirzaei. 2014. Effect of supplementary potassium nitrate on growth and gas-exchange characteristics of salt-stressed citrus seedlings. *Photosynthetica* 52: 589-596.
6. Bastam N., **B. Baninasab** and C. Ghobadi. 2013. Interactive effects of ascorbic acid and salinity stress on the growth and photosynthetic capacity of pistachio (*Pistacia vera* L.) seedlings. *The Journal of Horticultural Science and Biotechnology* 88: 610-616.
7. **Baninasab B.** and M. R. Baghbanha. 2013. Influence of salicylic acid pre-treatment on emergence and early seedling growth of cucumber under salt stress. *International Journal of Plant Production* 7: 187-206.

8. Bastam N., **B. Baninasab** and C. Ghobadi. 2013. Improving Salt Tolerance by Exogenous Application of Salicylic Acid in Seedlings of Pistachio. *Plant Growth Regulation* 69: 275-28.
9. Rezaee, A., M. Mobli, N. Etemadi, **B. Baninasab** and A. H. Khoshgoftarmanesh. 2013. Effect of different growing substrates on the yield and cut flower quality of rose cv. Maroussia. *Journal of Science and Technology of Greenhouse Culture*. 13: 105-113.
10. Shirani Bidabadi S., M. Maziah, **B. Baninasab** and C. Ghobadi. 2012. Influence of salicylic acid on morphological and physiological responses of banana (*Musa acuminata* cv. 'Berangan', AAA) shoot tips to *in vitro* water stress induced by polyethylene glycol. *Plant Omics* 5: 33-39.
11. Shams, M., N. Etemadi, **B. Baninasab**, A. A. Ramin and A. H. Khoshgoftarmanesh. 2012. Effect of boron and calcium on growth and quality of 'Easy Lover' cut rose. *Journal of Plant Nutrition* 35: 1303-1313.
12. **Baninasab, B.** and C. Ghobadi. 2011. Influence of Paclobutrazol and Application Methods on High Temperature Stress Injury in Cucumber Seedlings. *Journal of Plant Growth Regulation* 30:213-219.
13. Hojjati, M., N. Etemadi and **B. Baninasab**. 2010. Effect of paclobutrazol and cycocel on vegetative growth and flowering of rudbeckia. *Journal of Horticultural Sciences* 24: 122-127.
14. Simkeshzadeh, N., M. Mobli, N. Etemadi and **B. Baninasab**. 2010. Assessment of the frost resistance in some olive cultivars using visual and chlorophyll fluorescence. *Journal of Horticultural Sciences* 24: 163-169.
15. Khoshbakht, D., A. A. Ramin, **B. Baninasab** and C. Aghajanzadeh. 2010. Effect of salinity on vegetative growth of nine citrus rootstocks. *Iranian Journal of Horticultural Science* 40: 71-81.
16. **Baninasab, B.** 2010. Induction of drought tolerance by salicylic acid in seedlings of cucumber (*Cucumis sativus* L.). *The Journal of Horticultural Science and Biotechnology* 85: 191-196.
17. Zarei, M., **B. Baninasab**, A. R. Ramin and M. Pirmoradian. 2009. Fruitlet chemical thinners affect yield, fruit quality, and leaf and fruit mineral composition of 'Soltani' apple. *Horticulture, Environment, and Biotechnology* 50: 401-405.
18. **Baninasab, B.** 2009. Amelioration of chilling stress by paclobutrazol in watermelon seedlings. *Scientia Horticulturae* 121:144-148.

19. Mobli, M. and **B. Baninasab**. 2009. Effects of indolebutyric acid on root regeneration and seedling survival after transplanting of three *Pistacia* species. *Journal of Fruit and Ornamental Plant Research* 17: 5-13.
20. Shakeri, F., C. Ghobadi, **B. Baninasab** and M. Mobli. 2009. Effect of paclobutrazol and short-day conditions on growth and yield of strawberry (*Fragaria × ananassa* Duch. cv. Camarosa). *Iranian Journal of Horticultural Science and Technology* 10: 85-96.
21. Shakeri, F., **B. Baninasab**, C. Ghobadi and M. Mobli. 2009. Effect of paclobutrazol concentration and application methods on vegetative and reproductive growth of strawberry (*Fragaria × ananassa* Duch. cv. Selva). *Journal of Horticultural Sciences* 23: 18-24.
22. Hojjati, M., N. Etemadi and **B. Baninasab**. 2009 Effect of paclobutrazol and cycocel on vegetative growth and flowering of zinnia (*Zinnia elegans*). *Journal of Science and Technology of Agriculture and Natural Resources* 13: 649-657.
23. **Baninasab, B.** 2009. Effects of the application of natural zeolite on the growth and nutrient status of radish (*Raphanus sativus* L.). *The Journal of Horticultural Science and Biotechnology* 84:13-16.
24. Madani, B., M. Rahemi, **B. Baninasab** and M. Mahmoodi. 2009. Morphological evaluation of tree native species of *Amygdalus* in Iran. *Horticulture, Environment, and Biotechnology* 50: 63-67.
25. **Baninasab, B.** and M. Mobli. 2008. Morphological attributes of root systems and seedling growth in three species of *Pistacia*. *Silva Lusitana* 16:175-181.
26. Mobli, M. and **B. Baninasab**. 2008. Effects of plant growth regulators on growth and carbohydrate accumulation in shoots and roots of two almond rootstock seedlings. *Fruits* 63:363-370.
27. **Baninasab, B.** and M. Rahemi. 2008. Effect of exogenous polyamines on flower bud retention in pistachio (*Pistacia vera* L.) trees. *Horticulture, Environment, and Biotechnology* 49:149-154.
28. **Baninasab, B.** and M. Rahemi. 2008. The effect of scarification, cold stratification and gibberellic acid treatment on germination of kolkhong seeds. *Journal of Plant Sciences* 3: 121-125.
29. **Baninasab, B.**, M. Rahemi and A. Javanshah. 2007. Effects of time of foliar application of nitrogen and its concentrations on the flower bud retention in pistachio trees. *International Journal of Soil Science* 2: 40-47.

30. **Baninasab, B.**, M. Rahemi and B. Kholdebarin. 2007. Seasonal variations in photosynthetic activities of pistachio trees: a comparison between fruiting (ON) and non-fruiting (OFF) trees. *International Journal of Agricultural Research* 2: 43-52.
31. **Baninasab, B.**, M. Rahemi and H. Shariatmadari. 2007. Seasonal changes in mineral content of different organs in the alternate bearing of pistachio trees. *Communications in soil Science and Plant Analysis* 38: 241–258.
32. **Baninasab, B.** and M. Rahemi. 2006. Evaluation of three wild species of almond on the basis of their morphological characters. *Journal of Central European Agriculture* 7: 619-626.
33. **Baninasab, B.** and M. Rahemi. 2006. Possible role of non-structural carbohydrates in alternate bearing of pistachio trees. *European Journal of Horticultural Science* 71: 277-282.
34. Kohi-Dehkordi, M., M. Rahim-Malek, B. A. Tabatabaei, **B. Baninasab** and M. Mobli. 2006. Assessment of genetic relationships among some of the Iranian and foreign olive cultivars using ISSR (inter simple sequence repeat) markers. *Iranian Journal of Horticultural Science and Technology* 7: 93-102.
35. **Baninasab, B.** and M. Rahemi. 2006. The Effect of high temperature on sprouting and weight loss of two onion cultivars. *American Journal of Plant Physiology* 1: 199-204.
36. **Baninasab, B.** and M. Mobli. 2002. Effect of auxin and application methods on root regeneration of *Pistacia mutica* seedling. *The Journal of Horticultural Science and Biotechnology* 77: 264-267.
37. **Baninasab, B.** and M. Rahemi. 2001. Seed dormancy in *Pistacia mutica* F. & M. *Iran Agricultural Research* 20: 181-188.
38. Rahemi M. and **B. Baninasab**. 2000. Effect of gibberellic acid on seedling growth in two wild species of pistachio. *The Journal of Horticultural Science and Biotechnology* 75:336-339.
39. **Baninasab, B.** and M. Rahemi. 1998. Growth and development of Beneh and Kholkhong seedlings as affected by GA₃. *Iranian Journal of Agricultural Sciences* 29:27-32.

Published in conference proceedings:

1. **Baninaasab, B.** 2011. Exogenous application of polyamines influences fruit quality of 'Zaferani' peach. Second International Conference on Quality Management of Fresh Cut Produce: Convenience Food for a Tasteful Life. July 17-21, Torino, Italy.
2. **Baninasab, B.** and M. Shahgholi. 2010. Effect of paclobutrazol on vegetative growth, yield and fruit quality of 'Keshmeshi Bovanat' grape. 28th International Horticultural Congress. August 22-27, Lisbon, Portugal.
3. **Baninasab, B.**, S. Yadollahi Zadeh, A. A. Ramin, S. H. Ghaziaskar and H. Kamali. 2010. Effect of Salinity Stress (NaCl) on Growth and Development and Chicoric Acid of *Echinaceapurpurea* cv. Magnus. 28th International Horticultural Congress. August 22-27, Lisbon, Portugal.
4. Ramin, A. A., D. Khoshbakht, **B. Baninasab** and C. Aghajan zadeh. 2010. Citrus rootstocks growth under salt stress conditions. 28th International Horticultural Congress. August 22-27, Lisbon, Portugal.
5. Simkeshzadeh, N., N. Etemadi, M. Mobli and **B. Baninasab**. 2010. Use of olive cultivars in landscape planning regarding form and texture. 28th International Horticultural Congress. August 22-27, Lisbon, Portugal.
6. Etemadi, N., M. Shams and **B. Baninasab**. 2010. Effect of calcium and boron concentrations on some characteristics in cut rose 'Easy Lover' cultivar. 28th International Horticultural Congress. August 22-27, Lisbon, Portugal.
7. **Baninasab, B.** 2009. Responses of wild celery (*Apium graveolens*) seeds to light and temperature. 6th International Symposium on Light in Horticulture. November 15-19, Tsukuba, Japan.
8. **Baninasab, B.**, M. Alam Rajabi, A. Rezaei, M. Shams and S. Yadollahi Zadeh. 2008. Lettuce growth response to different substrates for soil-less culture. First Iran International Zeolite Conference. April 29- May 1, Tehran, Iran.
9. **Baninasab, B.** F. Honardan, M. Makvandi, S. Shahpouri and Z. Pourshafiei. 2008. Comparison of the use zeolite and perlite as substrate for Fenugreek (*Trigonella foenum-graceum* L.) under saline condition. First Iran International Zeolite Conference. April 29- May 1, Tehran, Iran.
10. **Baninasab, B.** and M. Rahemi. 2007. Effects of polyamines on flower bud abscission of pistachio. Proceedings of the 5rd Iranian congress of horticultural sciences. 3-6 Sept., Shiraz, Iran.

11. **Baninasab, B.** and M. Rahemi. 2005. Carbohydrate changes in various organs of bearing and nonbearing pistachio trees. Proceedings of the 4th Iranian congress of horticultural sciences. 8-10 Nov., Mashhad, Iran.
12. **Baninasab, B.** and M. Rahemi. 2005. Seasonal changes in mineral content of different organs in the alternate bearing of pistachio trees. Proceedings of the 4th Iranian congress of horticultural sciences. 8-10 Nov., Mashhad, Iran.
13. Mobli, M., **B. Baninasab** and A. Dehdari. 2005. Genetic Diversity based on vegetative growth in some olive cultivars. Proceedings of the 4th Iranian congress of horticultural sciences. 8-10 Nov., Mashhad, Iran.
14. **Baninasab, B.** and M. Rahemi. 2003. Effect of temperature on shelf life of two onion cultivars. Proceedings of the 3rd Iranian congress of horticultural sciences. 1-3 Sept., Karaj, Iran.
15. **Baninasab, B.** and M. Rahemi. 2003. Evaluation of morphological traits of three wild almonds. Proceedings of the 3rd Iranian congress of horticultural sciences. 1-3 Sept., Karaj, Iran.
16. **Baninasab, B.** and M. Mobli. 2003. Effect of auxin and application methods on root regeneration and surviving of three pistachio species seedlings. Proceedings of the 3rd Iranian congress of horticultural sciences. 1-3 Sept., Karaj, Iran.
17. **Baninasab, B.** and M. Rahemi. 2001. Nature of seed dormancy in Benesh and Kholkhong. Proceedings of the second national conference on Benesh. 8-10 Aug. Shiraz, Iran.
18. **Baninasab, B.** 2000. Stenospermocarpy in grape. Proceedings of the first national conference on grape. 17-19 Sept. Ghazvin, Iran.

Graduate's thesis supervised:

1. Naderi, S. 2016. Effect of pomegranate peel biochar on reducing cadmium stress in vegetative stage of strawberry.
2. Bahramian, Z. 2016. Influence of putrescine and spermidine on high temperature stress injury in strawberry.
3. Eskandari, M. 2015. Studies of seed dormancy and germination in two Iranian species of hawthorn.
4. Khalifeh, T. 2014. The effect of foliar application of boron and putrescine on fruit set of olive trees.

5. Moradi, S. S. 2014. The effect of paclobutrazol on cold hardiness of 'Robab' pomegranate (*Punica granatum*) seedling.
6. Shamsi, J. 2011. Effects of six rootstocks on leaf and fruit mineral content, vegetative growth and fruit quality of quince (*Cydonia oblonga*) trees.
7. Farahmand, S. 2011. Effect of trinexapac-ethyl on visual quality and cold tolerance of three bermudagrass cultivars.
8. Irvani, F. 2011. Effect of six rootstocks on growth of 'Shahmiveh' and 'Natanzi' pear trees.
9. Yadgaripour, H. 2011. Differential growth of grapevine genotype (*Vitis vinifera* L.) as affected by sodium chloride levels and salt-tolerant ones.
10. Yadollahi-Zadeh, S. 2010. Effect of salinity on seed germination, growth and development and active substances of *Echinaceae purpurea*.
11. Shams, M. 2010. Effect of different concentrations of boron and calcium on quantitative and qualitative characteristics of 'Easy Lover' rose flower.
12. Shakeri, F. 2009. Effect of paclobutrazol on strawberry growth and fruiting.
13. Zarei, M. 2009. Effect of BA, NAA, NAD and sevin on fruit thinning and alternate bearing of 'Soltani' apple.

Graduate's thesis advised:

1. Solaimani, M. 2011. Effect on cold tolerance of cucumber seeds and seedlings.
2. Hojati, M. 2009. Effect of Paclobutrazol and Cycocel on Some Quantitative and Qualitative Characteristics of Zinnia and Rudbeckia.
3. Khoshbakht, D. 2009. Effect of salinity on growth and gas exchange parameters in citrus rootstock.
4. Simkeshzadeh, N. 2009. Comparison of some olive cultivars in Isfahan conditions for using in landscape.
5. Mirzaei, S. 2003. Analysis of genetic diversity of Iranian pistachio (*Pistacia vera* L.) cultivars based on RAPD markers.