

شرح سوابق علمی

نام و نام خانوادگی : امان اله جوانشاه

سمت: عضو هیئت علمی مؤسسه تحقیقات پسته کشور

تلفن تماس: ۰۳۹۱ - ۴۲۲۵۲۰۵ - ۷

آدرس پستی : رفسنجان، مؤسسه تحقیقات پسته کشور، صندوق پستی ۴۳۵ - ۷۷۱۷۵

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وضعیت تحصیلی :

مقطع	دانشگاه	گرایش تحصیلی
لیسانس (۱۳۷۰)	دانشگاه تهران	درختان میوه
فوق لیسانس (۱۳۷۴)	دانشگاه تربیت مدرس	باغبانی
دکتری (۱۳۷۹)	دانشگاه تربیت مدرس	باغبانی

عضویت در انجمنهای علمی ملی و بین المللی

۱. انجمن علوم باغبانی ایران

2. International Society for Horticultural Science (ISHS)
3. ISHS Council representative for Iran

انتشارات:

کتاب:

۱. مهرنژاد، م. و جوانشاه، ا. ۱۳۸۹. سند راهبردی تحقیقات پسته ایران. انتشارات مؤسسه تحقیقات پسته کشور.
۲. جوانشاه، ا. و ناظوری، ف. ۱۳۸۷. گرم شدن جهانی، رکود و نیاز سرمایی درختان مناطق معتدله . انتشارات مؤسسه تحقیقات پسته کشور.

3. **Javanshah, A.** Facelli, M. Wirthensohn. 2006. Proceeding of the Forth International symposium on pistachio and almond. ISHS Acta Horticulturae 726.
4. Mirdamadiha, F. and **A. Javanshah**. 2003. Orchard management calendar. Iran's pistachio research institute press.
5. Abdollahi, E. M., **A. Javanshah** and F. Salehi. 2005. The study of using pressure irrigation system in pistachio cultivating areas. Iran's pistachio research institute press.

مقالات علمی منتشرشده در مجلات بین المللی

1. **Javanshah, A.**, K. Arzani, Y. Dehghani-Shouraki and P. Cappellini. 2001. Induction of flowering delay in pistachio (*Pistacia vera* L.) for prevention of spring cold damage. Pajouhesh-va-Sazandegy Journal, Vol 49, No (4):18-21.
2. **Javanshah, A.**, K. Arzani, Y. Dehghani-Shouraki and P. Cappellini. 2001. Study of flowering in *Pistacia vera* L. cv. Ovhad. Seed and Plant Journal (SPII), Vol 16, No (4):432-445.
3. **Javanshah, A.** and H. Hokmabadi. 2005. Fourth international symposium on pistachio and almond. Chronica Horticulture, Vol. 45, No (4) 26-28.
4. **Javanshah, A.**, D., Avnzato and M.H. Hokmabadi, 2000. La coltivazione del pistacchio in Iran Frutticoltura, Vol. 10, pp. 90-92.
5. **Javanshah, A.**, P. Cappellini and K. Arzani, 2002. La Differenziazione delle gemme a fiore nell pistachio Cv. Ohadi. Italus Hortus. Vol.9. pp.26-29.
6. **Javanshah, A.** 2001. Study of changing environmental effects and inadequate chilling on some of the morphological characteristics of pistachio trees. Quarter of Iranian Society for Horticultural Science . pp.24-25 1380.
7. **Javanshah, A.**, A. Tajabadipour and S. Mirzaei, 2007. Identification of a New Phenotype (Siah Barg) of Pistachio (*Pistacia vera* L.) with Shiny-blackish Green Leaves Using RAPD Assay. *Int. J. Agri. Biol.*, Vol. 9, No. 2,
8. Abdollahi, M. and **Javanshah, A.**, 2005. study of the role of agricultural research in minimizing obstacle hampering pistachio insurance plan in Iran. Journal of insurance and agriculture. 2(8). Pp. 41-70
9. Abdollahi, M. and **Javanshah, A.**, 2006. Economic investigation of possibility of using new methods for water supply and demand in agriculture: a case study of pistachio producers in Rafsanjan. Pajouhesh-va-Sazandegy Journal, Vol. 75, 114-126
10. Baninasab, B., Rahemi, M. and **Javanshah, A.**, 2007. Effect of time of foliar application of nitrogen and its concentration on flower bud retention in pistachio trees. International journal of soil science 2(1): 40-47
11. Nazoori, F., A. Talaie and **A. Javanshah**, 2008. Chilling requirement studies on flower buds in some male pistachio genotypes (*Pistacia vera* L.). *Journal of applied horticulture*. Vol. 10, No.1
12. **Javanshah, A.** and Alipour, H. 2008. Compensation of chilling requirement using chemical treatment for overcoming the chilling requirement deficiency on pistachio trees (*P. vera* L.). International Journal of tropical agriculture. Vol. 26 No. 3-4.
13. **Javanshah, A.** 2010. Global warming has been affecting some morphological characters of Pistachio trees (*Pistacia vera* L.). African Journal of Agricultural Research Vol. 5(24), pp.

ارائه مقاله در کنگره ها و همایش های علمی داخل کشور

1. **Javanshah, A.**, K. Arzani and Y. Dehghani-shoraki 2000. Study on flower bud initiation and development of pistachio cv. Ovhad. *The 2nd Iranian Horticultural Science Congress*. 19-21 September, Karaj, Iran (P. 330).

2. **Javanshah, A.**, A. Esmailpour and M. Abdollahi-Ezzatabadi. 2005. The best sampling method on early splitting pistachio and technical and economical evaluation. 4th national congress on horticultural science. Mashad-Iran.
3. **Javanshah, A.**, M. Moradi, A. Tajabadipour, A. Esmailpour, A. Shaker, N. Sedaghati, F. Salehi, H. Alipour, F. Mirdamadiha, H. Hokmabadi. 2007. Reviewing on pistachio's Aflatoxin research findings in Iran's Pistachio Research Institute. Pistachio processing symposium, Mashad, Iran
4. Shaker, A. and **Javanshah, A.**, 2006. The role of research finding on HACCP project in pistachio production. The first national symposium on nuts. Islamic Azad University ,Damghan.

ارائه مقاله در کنگره ها و همایش های علمی بین المللی

1. **Javanshah, A.**, Arzani , K., Y.Dehghani-Shouraki and P.Cappellini, 2001. Study of pistachio flowering (*Pistacia vera* L.) cv. Ovhady. III International Symposium on Pistachios and Almonds. 25-29 May Zaragoza, Spain.
2. **Javanshah, A.**, K. Arzani , and Y. Dehghani-Shouraki, 2001. Induction of flowering delay in pistachio (*Pistacia vera* L.) for prevention of spring cold damage. III International Symposium on Pistachios and Almonds. 25-29 May Zaragoza, Spain.
3. Abdollahi-Ezzatabadi, M. **A. Javanshah** and N. Doraki, 2005. The role of aflatoxin in the instability of pistachio price. Fifth international conference of Asian society of agricultural economists(ASAE). Zahedan-Iran. 29th-31st August 2005.
4. **Javanshah, A.**, 2002. Study of changing environmental effects and inadequate chilling on some of the morphological characteristics of pistachio trees (Iranian cultivars). 26th international horticultural congress & exhibition (IHC 2002) Toronto- Canada. August 11-17, 2002.
5. **Javanshah, A.**, 2003. Compensation of chilling requirement using chemical treatments (soybean oil, potassium nitrate, sodium benzoate, volk oil) on pistachio trees(*Pistachio vera* L.). 7th international symposium on TZFTS, Solan, India, October 14-18, 2003
6. **Javanshah, A.** 1994. Epicotyl grafting in pistachio (*Pistachio vera* L.) 1st international symposium on pistachio nut, Adena-Turkey, 20th -24th September, 1994.
7. Talaei, A. R. and **A. Javanshah**. 1997. A study on epicotyl graft characteristics in connection with maturity and ontogeny with in four year period (1994-1997). II international symposium on pistachio and almond. Davis, California, USA, 1997.
8. Alipour .H. and **A. Javanshah**. 2005. The Effect of Volck[®] Mineral Oil and Sodium benzoate Application on Yield and Quality of Pistachio (*Pistacia vera* L.). IV international symposium on Pistachios and Almonds, Book of abstracts. Pp141.
9. Arzani, K., **A. Javanshah**, H. Hokmabadi, Y. Dehghani-Shuraki and M. R. Roozban. 2005. Pistachio (*Pistacia vera* L.) research program at Tarbiat Modarres University (TMU). IV international symposium on Pistachios and Almonds, Book of abstracts. Pp79.
10. Esmailizadeh. M., **A. Javanshah** and M. Rahemi. 2005. Studies of chilling requirement on tree pistachios cultivar in Rafsanjan condition. IV international symposium on Pistachios and Almonds, Book of abstracts. Pp93.
11. **Javanshah, A.**, H. Alipour and F.Hadavi. 2005. A model for assessing the chill unit received in Kerman and Rafsanjan areas. IV international symposium on Pistachios and Almonds, Book of abstracts. Pp71.

12. Moradi Ghahdarijani, M. and **A. Javanshah**. 2005. Distribution of aflatoxin in processed pistachios in terminals and effects of delaying harvest on changes of aflatoxin in pistachio nuts. IV international symposium on Pistachios and Almonds, Book of abstracts. Pp169.
13. Pazouki, L., M. Mardi, S.M. Pirseyedi, **A. Javanshah**, J. Mozaffari, H. Alipour, S.A. Mohammadi and B. Ghareyazie. 2005. Analysis of Genetic Diversity in Iranian Pistachio Germplasm (*Pistacia spp*) Using Qualitative and Quantitative Characters and DNA Markers. IV international symposium on Pistachios and Almonds, Book of abstracts. Pp10.
14. Teimopour, R., A. A. Moghaddam and **A. Javanshah**, 2005. Comparison the effects of PCNB and sodium hypochlorite+ ethanol on sterilization of pistachio seed. First international congress on biological science. Tehran – Iran.
15. Teimopour, R., A. A. Moghaddam and **A. Javanshah**, 2005. The effect of IBA and basal wound tissue of in vitro microshoots on rooting in pistachio. First international congress on biological science. Tehran – Iran.
16. **Javanshah, A.** 2009. Pistachio's Morphological Characters Have Been Affecting By Global Warming. World Climate Conference-3. Geneva, Switzerland.
17. Hadavi, F., Ershad, A., **Javanshah, A.**, Sarcheshmehpour, M. and Khezri, M., 2008. Assessment of photosynthetic activity and growth parameters of pistachio seedlings associated with nitrate and phosphate application. XIV meeting of the Mediterranean research group for almond and pistachio. Athens, Greece.
18. Hadavi, F., Ershad, A., **Javanshah, A.**, and Khezri, M., 2008. The effect of indole butyric acid on vegetative growth and root to shoot ratio of pistachio seedlings. XIV meeting of the Mediterranean research group for almond and pistachio. Athens, Greece.
19. Hokmabadi, H., Khezri, M., Talaei, A., **Javanshah, A.** and Hadavi, F., 2008. The effect of diferntion rootstock on vegetative and reproductive growth trait of fruiting pistachio trees. XIV meeting of the Mediterranean research group for almond and pistachio. Athens, Greece.
20. Talaei, A., khezri, M., **Javanshah, A.**, Hadavi, F., and Gholamrezaei, M., 2008. The effect of foliar application of urea and boron on some morphological trait and physiological disorders of fruiting pistachio trees. XIV meeting of the Mediterranean research group for almond and pistachio. Athens, Greece.
21. Soltaninejad, M.; Sharifani, M. M.; **A. Javanshah**, Houkmabadi, H.; Maghsoudlou, Y., 2010. Storage Ability of Pistachio as Influenced by Temperature, Type of Packaging and Application of Anti Oxidant. IHC 2010, Lisbon, Portugal.
22. **Javanshah, A.**, Sohrabi, N., Alipour, H. 2010. Determination of Low-Temperature Development Threshold and Forecasting of Harvesting Time by Degree-Day in Pistachio. IHC 2010, Lisbon, Portugal.
23. Khezri, M.; Talaie, A. and **Javanshah, A.** 2010. Physiological Disorders of 'Kaleh-Ghoochi' Pistachio as Affected by Spray Application of Boron. IHC 2010, Lisbon, Portugal.

پروژه ها و طرح های تحقیقاتی پایان یافته:

1. Priority Determination Of Irrigation Methods And Introducing Economical Method On Using Water Resources In Pistachio Orchards Of Kerman Province.
2. Study of Temperature Effects On Growth And Development Of Pistachio Trees 2002-2009

3. A Model For Assessing The Chill Units Received In Kerman And Rafsanjan Areas. 2001-2004
4. Determination Of Chilling Requirements Of Three Commercial Pistachio Cultivars (Akbari, Ohadi, Kaleh Ghochi). 2001-2004
5. Compensation Of Chilling Requirement Using Chemical Treatment For Overcoming On Chilling Requirement Deficiency Of Pistachio Trees (*P. Vera L.*).2001-2005
6. Determination Of Pistachio Production Functions. 2002-2005
7. Identification Of The Best Methods For Early Splitting Nuts Sampling In Orchard And Scientific Evaluation Of Early Split Nuts Collecting Prior Of Harvest On Aflatoxin Contamination. 2006-2008
8. Social And Economic Investigation Of Possibility Of Using Water Desalination Plants In Pistachio Orchards Of Rafsanjan City. 2005-2006
9. Technical And Economic Study And Comparison Of Two Types Of Plastic Packaging In Two Packing Condition (Normal And Vacuum) And Two Storing Condition (Normal And High Moisture) On Pistachio Packaging. 2005-2007
10. Determination Of Low-Temperature Development Threshold And Forecasting Of Harvesting Time By Degree-Day In Ohadi Cultivar. In Progress.
11. Study On Proper Time And Different Methods Of Grafting And Budding On Pistachio Seedling In Order To Evaluate This Compatibility In Field Condition. In Progress.
12. Designing complete software for automation of pistachio insurance and related payments.
13. Study on Jonoubegan® suspension application by fertilizer-irrigation on physiological characteristics, cropping and quality of pistachio fruits
14. Identification and registration of commercial pistachio by morphological characteristics. 2008-2010.

پروژه ها و طرح های تحقیقاتی در دست اجرا:

۱. بررسی اثرات کاربرد مالچ زیر سطحی بر جنبه های مختلف رشد درختان پسته

راهنما پایان نامه های دانشجویی:

2. Masroorifar, Gh. 2000. Compensation of chilling requirement using chemical treatments (Volk, sodium benzoate, soybean oil, potassium nitrate) on pistachio (*P. vera L.*). Tarbiat modaress University.
3. Javaheri, M. 2005. In vitro propagation of pistachio rootstock UCB-1 hybrid. Islamic Azad University, Jahrom branch.
4. Jahan, F. 2005. Evaluation of effects of rootstock and scion on quantitative and qualitative characteristics of pistachio. Islamic Azad University, Jahrom branch.
5. Teimorpour, R. 2005. Tissue culture of plantlet germinated from hybrid seed between *Pistacia vera cv. Ohadi* and *Pistacia mutica*. Shahid Bahonar university of Kerman.
6. Baninasab, B. 2005. Alternate bearing in pistachio trees as affected by seasonal changes of carbohydrates, photosynthesis and foliar application of nitrogen. Shiraz University.
7. Rezaei K. A. 2006. The study of genetic fingerprinting diversity in Iran's pistachio cultivars. Islamic Azad University, Tehran branch.

8. Khezri, M. 2006. Study and comparison the pattern of fruit growth and development in some Iranian pistachio cultivar. University of Tehran.
9. Nazoori. F. 2007. An investigation on chilling requirement in four male genotypes of *Pistacia vera* and effect of some chemical oils on this phenomenon. University of Tehran
10. Hadavi, F. 2009. Effect of different levels of N, P and Indole butyric acid (IBA) on some growth characteristic factors in pistachio seedling (*Pistacia vera* L.). Bu-Ali-Sina University.
11. Siahkoohi, M. 2008. Effects of Concentration and Time of Application of Gibberellic Acid on Flower Bud Retention and Quality of Pistachio(*Pistacia vera* L.) Fruit. Shiraz University.
12. Fariabi, M. H. 2007. Determination of processing machine efficiency on separating of Aflatoxin contaminated nuts. Islamic Azad University, Jahrom branch.

فعالیت های آموزشی اجرا شده

۱. تدریس طراحی فضای سبز در مقطع کارشناسی
۲. ازدیاد نباتات در مقطع کارشناسی
۳. هورمون های گیاهی در مقطع کارشناسی ارشد